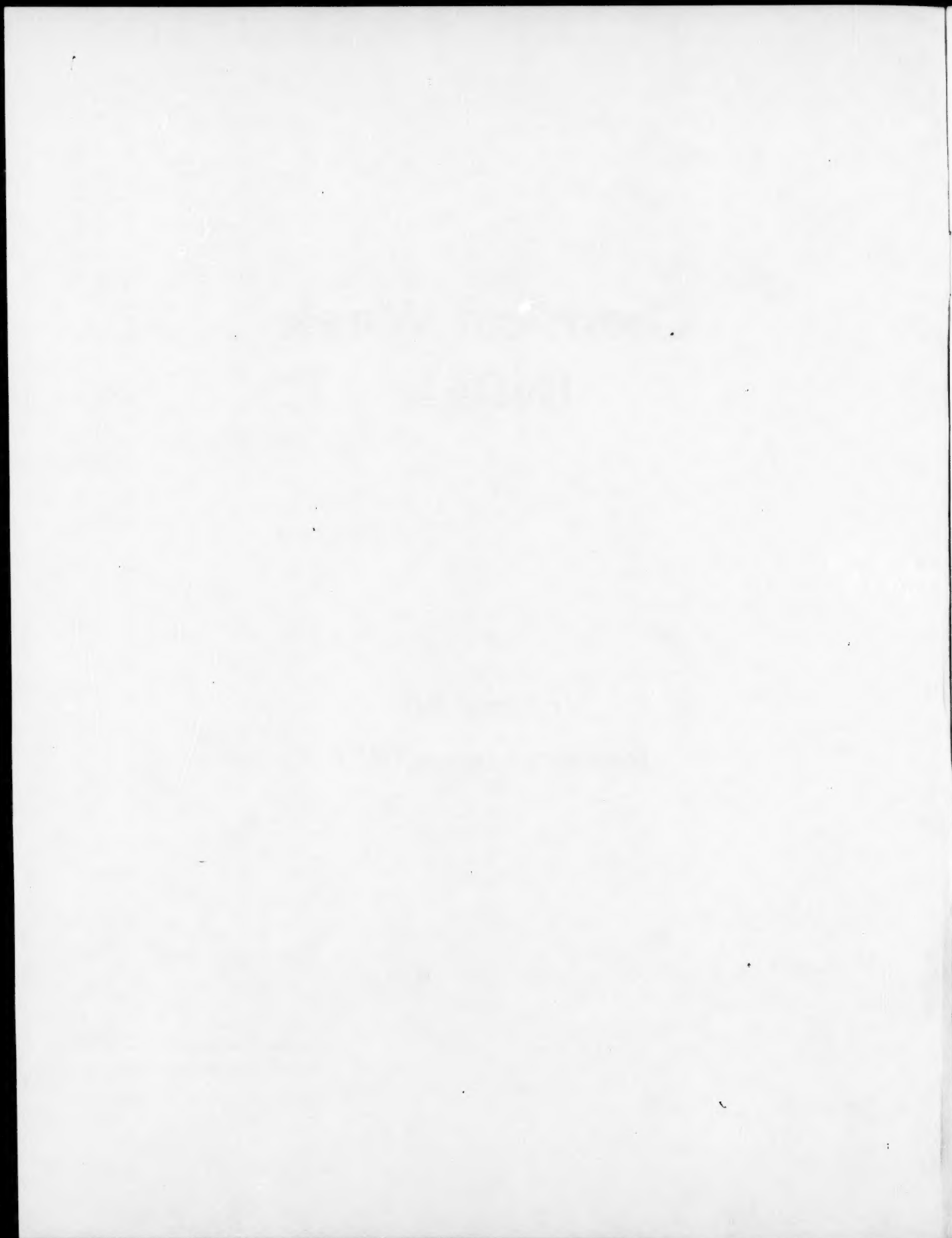


Engine

Chemical Week INDEX

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B

Bags - Aluminum foil multiwall bags	Jan.	19	40
Barbasco Roots - Firms without Mexican steroid sources will turn to Puerto Rico	Jan.	5	18
Battelle Memorial Institute			
New process for desulfurizing iron worked up for Diamond Alkali	June	29	62
Selenium mystery	June	8	76
Benzene			
Refined benzene to make ethylbenzene for a French styrene plant	Apr.	6	91
Solidified by extreme cold, ignited during thawing operation	Jan.	26	25
Benzophenones - Substituted benzophenones find use as ultraviolet absorbers	May	4	40
Bleaches			
Dacron bleach, Tinopal E Liquid	June	15	48
Household bleaches	May	4	58
Boats - Markets for chemicals in the current boat-building boom	Feb.	2	80
Bonding - Fluorocarbon resin bonding	June	8	18
Borides - Electrolytic deposition of metallic borides	June	15	90
Boron			
Additive for gasoline	May	11	81
Boron fuels - joint venture planned	June	22	67
German diborane process research keynotes the drive for lower-cost boron fuels	May	25	48
Model City miniature	Mar.	2	44
Research partnership formed	Apr.	13	75
Boron nitride - Borazon cubic boron nitride, hard as diamond, developed by Ge researchers	Feb.	23	64
Boron trichloride and boron tribromide in semicontinuous process	Apr.	6	92
Bottles			
Drink-proof bottle key to selling liquid aspirins	Jan.	26	54
Plastic-bottle manufacturing for small specialty makers	Feb.	9	70
Polyethylene bottles for Britain	Mar.	9	104
Self-sterilizing bottles	Jan.	26	56
Brake fluids - Heavy-duty brake fluids are safe - SAE has withdrawn specifications for moderate-duty fluids	Apr.	27	116
Brakes - Brake linings that stand up to heat	Mar.	16	65
Brass - Mills seeking relief from foreign imports of copper and brass products	Mar.	9	100
Brazil - Matarazzo complex moves further into chemicals with U.S. companies' know-how	Mar.	2	24
Brigham, Frank - Wall Streeter tips management	May	11	22
Bromelin - Proteolytic enzyme recovered from pineapples	Feb.	16	79
Building materials - German development of flameproof plastics building materials	May	11	81
Bulgaria - heavy chemical production lags	Apr.	13	52
Burgestown, Pa. - Chemical Progress Week emissary visits home town to tell of progress	Apr.	20	36
Business & Defense Services Administration			
Chemical and Rubber Div. faces personnel cut as Senate restores only part of House's budget slash June 1-25	June	8	43
Change in the WOC programs	June	15	57
Congressional budget cuts (table)	Apr.	20	34
Divisions are needed H.C.E. Johnson	May	18	14
House Appropriations vote to eliminate funds for industry aimed at Sec. Weeks	Apr.	13	43
MCA appeal helped restore funds	May	25	72
Proposed elimination of industry divisions is worrying chemical marketers	May	4	29
What to do with the WOCs?	June	29	43
Butadiene - U.S. capacity touches the million/year mark	May	4	70
Butane - Hydrocarbon-propelled aerosols (table)	May	25	92

C

Caffeine - Do imports affect U.S. production? (table)	Jan.	26	31
Calcium chloride - Milwaukee price probe	Mar.	9	23
California - Ethylene-polyethylene developments	May	4	18
Camera - German camera can photograph interior of furnaces operating as high as 1800 C.	May	11	81
Canada			
Antimonopoly laws strengthened	June	1	20
Antitrust case decision awaited	Apr.	13	56
Beaverlodge, northern Saskatchewan is shaping into a \$60-million/year uranium field	May	25	85
Boost for oil sands in Alberta	Jan.	19	23
Chemical process firms fared well in 1956, but profit squeeze mars picture (table)	Apr.	20	31
Food and Drug Directorate urges switch to metric system (table)	Mar.	16	55
Labor unions cannot be held liable for torts	June	15	17
Primary plastics industry surges ahead (chart)	Feb.	9	27

Research increases but manpower shortages may hamper further expansion potential	Feb.	16	88
Shipments of chemicals and allied products to the U.S. (table)	Apr.	20	130
Shoe polish manufacturers are meeting stiff competition from imports from the U.S.	Apr.	20	66
Tariff rate changes will pinch U.S. chemical producers (table)	Feb.	2	32
Trans-Canada pipeline gets go-ahead	Feb.	16	24
Cancer			
Anticancer drug contracts to chemical firms	May	4	64
Chemotherapy drug search	June	29	72
Crash research on cancer chemotherapy moves a step ahead	May	18	84
Crash research program to uncover chemical cures is possible with government grants	Mar.	30	55
FDA sends out "Anti-Hoxsey" posters	Feb.	9	36
Federal subsidies to help find cancer cures	Apr.	13	43
Government weighs subsidy program for drug research	Apr.	6	104
Stanford Research Institute's government contract to screen cancer chemicals has been signed	June	1	76
Cancer Chemotherapy National Service Center - Anticancer chemical research - various routes to take	June	29	72
Carbon - Porous carbon, derived from coal, called Nerex	May	25	69
Carbon Black - Liquid hydrocarbon will be the leading raw material this year (chart)	Jan.	26	27
Carbon monoxide - Synthesis gas from lignite, estimated costs (table)	Jan.	19	70
Carbon tetrachloride - Bad publicity worries makers of spot removers	Jan.	19	90
Carotene - Synthetic replicas potential competition for coal-tar-derived dyes (table)	Jan.	26	66
Catalysts			
Esso's Fawley, England butadiene plant will use Dow Chemical's Type B catalyst and process	Mar.	9	38
Novel catalyst combination is key to sorbic acid production route	Apr.	27	92
Phthalic anhydride recovery with fluidized technique	Feb.	16	112
Titanium catalyst is key to process developed by Fastman Kodak	June	1	57
Ziegler catalysts to make polymer at Hercules' Parlin plant	June	29	28
Cement			
Japan develops slag cement	Jan.	19	72
Pneumatic push speeds barging	May	4	36
Pyzel fluid-bed cement process	Feb.	16	108
Pyzel process moved to pilot stage	Jan.	12	61
Ceramics - Fuel element research	Apr.	13	63
Ceylon - Lever Bros. Ltd. dominance of soap market protested	Apr.	6	128
Chemical Market Research Assn.			
Drug sales forecast - changes for the better (chart & tables)	June	8	78
Philadelphia meeting looks at world chemical scene	Mar.	23	74
Will examine world chemical trade picture	Mar.	9	128
Chemical Progress Week			
Celebrations were local events - here's what happened in Burgettstown, Pa.	Apr.	20	36
How industry tells its story	Mar.	9	94
Chemical Specialties Manufacturers Assn.			
Aerosol group meets in Chicago to discuss butane propellents	May	25	92
Chicago meeting highlights - aerosol sales boom, brake-fluid and anti-freeze sales dip	June	8	98
Chemical Week Reports			
Are we underpaying top chemical management? W. Cameron Caswell (charts & tables)	Feb.	9	51
Japan's comeback (tables)	Feb.	23	100
Motivation makes the difference J.W. Barry (tables)	Apr.	20	79
Paperwork control can save you plenty R.A. Shiff	May	18	46
Time to turn the atom to profit R.F. Vener (charts & tables) Pt 1 Incentives for chemical process industries Pt 2	Mar.	9	45
How to find and develop your opportunities	June	15	115
Your next capital venture Bates & Weaver (tables)	June	15	115
China			
Five nation trade roundup	June	22	59
Red China trade - big and getting bigger (charts & table)	May	11	97
Trade ban relaxation	June	15	57
Chromatography - Thermistor conductivity cell for vapor-phase chromatography	Mar.	2	55
Classification - Commodity classes proposed changes (table)	Feb.	23	22
Cleaners			
Carbon tetrachloride's bad publicity worries makers of spot removers	Jan.	19	90
Economic Laboratory moves for consumer and dairy-industry markets	May	18	62
Household detergents and waterless hand cleaners remove radioactive decontamination	May	11	18
Jet Bon Am, new pressure-packed window cleaner	Jan.	5	60

Mirakle Lustr Corp. booming specialty business	May	4	60
Sponge-brush unit - handle holds the cleaner	Apr.	27	116
Waterless cleaners	Feb.	2	50
Coal			
Anthracite's future with coal gasification and fines recovery projects	Feb.	23	70
Irradiated coal as liquid fuel additive	Apr.	27	82
Coal Tar Chemicals			
FDA and Hoffman-LaRoche have differing opinions on beta carotene	June	29	24
FDA will launch formal decertification proceedings against two of the four yellow coal-tar dyes	Jan.	12	62
New food colors are potential competition for coal-tar-derived dyes (chart & table)	Jan.	26	66
Coatings			
Antiseptic plastic coating	June	1	20
Brushless wood finisher	Mar.	16	72
Ceramic-metallic brake linings	Mar.	16	65
Ceramix coating simplifies cleanup	May	18	124
Copper and silver cladding process for use in printed circuits, electrolytes and ornamental ware	June	29	92
Drum lining process goes commercial	Mar.	2	32
Metal gets the latex paint treatment	Feb.	23	44
Plastic coatings for teeth	Feb.	2	49
Reclad coating reclaims thermosetting resin products	Feb.	16	72
Roundhouse makes handy shop for coatings application	Apr.	6	82
Tri-Seal, protective coat for marble	Jan.	19	94
Ultraviolet absorbers give up to five years' protection from the sun	May	4	40
Urethane nonyellowing coatings	Apr.	27	84
Cobalt - Shipping irradiated cobalt	May	11	82
Commercial Chemical Development Assn.			
Examines today's sprawling plastics industry at New York meeting (tables)	Apr.	6	113
French Lick, Ind. spring meeting appraises rocket outlook (chart)	May	25	23
Honor award to A.E. Buchanan Jr. of Du Pont	Mar.	2	36
Reporting with a reel at annual meeting H.C.E. Johnson	Apr.	13	14
Computers			
Computer scale-down	Feb.	23	68
Instrument Digital on-line Transcriber	June	22	68
Streamlines production scheduling by helping planners decide	Apr.	6	44
Concrete - Gas concrete production unit using Swedish process	June	15	89
Construction			
Building on engineering teamwork is behind Hoffman-LaRoche's new terpene chemicals plant	June	1	62
Chemical plant spending is going up (tables)	Feb.	9	23
Government survey shows process industries plan new construction (table)	June	22	40
Kaiser joins in building a new city for a new plant in W. Va.	Apr.	27	46
Plastic parts - another boom in small homes construction could dictate this timetable (table)	Apr.	6	113
Union Carbide's new 52-story office building - details of plans	Feb.	16	22
Consultants - Here's how aerosol consultants can help your firm	Mar.	2	75
Containers			
Commercial-size dewar flask	Apr.	13	76
Drum lining process goes commercial	Mar.	2	32
Plastic container law suits - patents and safety	Feb.	16	32
Steel drum boom	June	8	36
Contractors - Federal drive to end racial discrimination by government contractors taking a new turn	May	18	27
Corrosion - Titanium may help solve corrosion problems in process plants	Apr.	13	27
Cortisone			
Hecogenin into cortisone	Apr.	20	96
Steroids from sisal for cheaper cortisone	Apr.	20	41
Cosmetics			
Helene Curtis, fast becoming a big name in the cosmetics field	Mar.	23	52
Poland's cosmetics and toilet goods industries have virtually broken down	June	8	96
Rayette, beauty products firm, is expanding its chemical operations	June	8	92
Cotton			
Acrylonitrile and iron make a stronger cotton (charts)	Mar.	16	112
New technique for treating cotton with acrylonitrile	Feb.	16	80
Crab shells - raw materials for glucosamine	Jan.	19	58
Cresol - New cresol, cresylic sources will mean a 50% increase in supplies by 1961	Feb.	16	98
Cresylic - New cresol, cresylic sources will mean a 50% increase in supplies by 1961	Feb.	16	98
Crystal - Triglycine sulfate for use in electronic switching circuits discovered by Bell	June	15	138
Czechoslovakia - Heavy chemical production lags	Apr.	13	52

D

DDT

Dept. of Agriculture denies danger in anti-gypsy-moth program	May 1-10	64
Tolerance on meat fat means new market for pesticides	Mar. 30	43
USDA plans aerial spraying to eradicate the gypsy moth in northeastern states	Apr. 6	132

Decaborane

Being produced at pilot plant	May 18	110
Compound of interest for use as a fuel in missiles	May 11	82

Defense Department

BDSA set a ceiling of 85% of argon output to defense	Apr. 6	116
Chemical industry and the Pentagon swap awards	Jan. 5	17
Chemical management is taking a fresh look at the growing U.S. missile program (chart)	May 25	23
Essentiality procedure has hit another snag	June 29	43
First test of defense essentiality clause of the reciprocal trade laws - defense mobilizer investigates imports of crude oil	May 4	29
Gordon Gray replaces Arthur Flemming	Feb. 23	36
Holaday, William, new missiles chief	May 25	25
Industrial College of the Armed Forces offers correspondence course to civilian executives	May 25	42
McKellar explains business-as-usual status of government paint plants	May 4	58
Silicone elastomers for air weapons	Mar. 30	43
Weapons development programs - jobs combined	Mar. 2	56

Deodorants

Clothing fresheners	Mar. 23	44
Rolit and Roto-Magic Action, in squeeze bottles with "ball-point" dispenser heads	June 15	44

Detergents

All and Dishwasher All - Monsanto turns over to Lever Bros. the job of marketing June 1-19	June 8	32
Automatic dishwasher sales make mass-market products out of low foamers	Feb. 23	48
Detergent reports were a highlight of soap group's annual meeting	Feb. 9	67
Dishwashing compounds - Economics Laboratory moves for home markets	May 18	62
Household detergents and waterless cleaners provide the best way to remove radioactive decontamination	May 11	18
Lestoli, liquid synthetic detergent becomes best seller	Jan. 19	96
Monsanto will continue production of All and Dishwasher All	May 11	17
Sales are on the upswing (table)	June 15	82
Sales of synthetic detergents in 1956 (table)	Mar. 16	104
Diabetes - Machine-vended enzymes for diabetes tests, Sugar-Chek	Jan. 19	18
Diborane - High-energy fuels development focuses interest on a new diborane process	May 25	48
Dicarboxylic acid - Nine ways to make aromatic dicarboxylic acids (table)	Apr. 6	34

Distribution

Applications for reduced freight rates filed with ICC	Apr. 27	76
Bulk delivery of plastic resin	Apr. 27	74
California's growing competition in plastic marketing	Feb. 23	95
Cargo movement hurt by dock and tug strikes but caused no pinch on chemicals	Feb. 23	92
CMRA hears Grace's Winne on foreign trade	Mar. 23	78
Chemical credit men gather, put accent on the positive	Mar. 16	52
Chemical producers pour raw materials into the Pacific Northwest to feed pulp and paper industry (map & table)	Apr. 27	106
Chemical trucking in Texas will be less restrictive if ICC gives the nod	June 8	38
Common market - second wind for European chemicals	May 18	16
Do we believe in competition? H.C.E. Johnson	Mar. 2	6
European common market and its effect on U.S. chemical producers	Apr. 20	120
GE uses "business approach" in operating chemical development department	Apr. 13	104
Higher railroad freight rates approved by ICC have set pace for more to come	Jan. 5	58
Isophthalic acid from California to Eastern markets	June 22	62
Louisiana methanol goes west by sea	June 1	82
Mail order houses as specialties seller	Jan. 26	52
Metric switchover means new problems (table)	Jan. 26	48
Mississippi River slowdown - Ice delays barging, lowers water level	Feb. 9	106
Nylon sacks may help solve oil ship shortage	Feb. 9	102
Ocean freight rates up due to Suez crisis	Jan. 5	56
Olin Mathieson readies new distribution terminal	Mar. 9	128
Perchloroethylene and sulfuric acid speeded by two new bulk-storage installations	Jan. 5	58
Petrochemical marine terminal at San Pedro, Calif.	June 8	38
Pittman-Moore maps new drive for Eastern and city markets	Apr. 13	114

Purchasing agents give details of the type of service customers want from suppliers	Mar. 30	58
Purchasing agents to study sales-purchasing relationship	May 4	38
Purchasing men view outlook on fuels, steel and nonferrous metals	June 15	108
Sales managers' problems	Feb. 9	100
Salesmen's associations add professional activities to their social calendars (table)	May 11	57
Thompson-Hayward Chemical has an individualistic recipe for growth as distributor	Jan. 26	42
Two broad-line 1. c. 1. chemical sellers will contend for Pittsburgh-area market	Feb. 2	70
UN ponders hazardous-chemical labeling recommendations	Jan. 19	44
Drug, Chemical and Allied Trades - Third annual meeting of NY Board of Trade section promised stability in 1958	June 29	25

Drugs

Anti-arthritis - prednisone and prednisolone	Jan. 26	79
Antihistamine PRN may turn out to be a potent mental drug	June 29	62
"Anti-Hoxsey" posters warns against cancer treatment	Feb. 9	36
Cancer chemotherapy crash research programs	Apr. 6	104
Cancer drugs - compounds being researched	June 29	72
Diabetes - third oral drug, DBI has passed its first test	June 1	76
Hospitals buy 26% of all drugs	June 22	78
Iproniazid used in mental therapy	Apr. 13	75
Kynex, new antibacterial sulfonamide	Mar. 16	98
Liquid aspirin	Jan. 26	54
Metric system for pharmaceutical packaging urged by Canada's FDD (table)	Mar. 16	55
Narcotics curbs	June 22	52
Noscapine as antitough remedy, as effective as codeine	June 15	90
Penicillin mastitis remedies' makers warned by FDA	Feb. 23	87
Preludin, weight reducing drug	Jan. 19	98
Prescriptions filled by drug stores came to 629 million in 1956 - hormones and tranquilizers make more than half of the sales (chart)	Mar. 30	26
Safflower oil, new drug to combat atherosclerosis	June 22	68
Sales forecast by CMRA - changes for the better (chart & tables)	June 8	78
Searle may have hit upon new approach to birth control	May 4	17
Synthesizing intermediates for making pteridines	Mar. 2	56
Synthetic hydrocele product to remove excess fluids in body tissue	Jan. 5	23
Tolbutamide, "oral insulin"	Mar. 2	52
Tranquilizers - benactyzine under clinical test	Apr. 6	91
Tranquilizers for animals	Feb. 16	84
Tranquilizers - no drug addiction claims against reserpine and chlorpromazine, but meprobamates (Miltown, Equanil) still being tested	Mar. 30	25
Vaccine for Asiatic flu under test	June 22	38
Vaccine to combat Asiatic flu and quadruple vaccine against polio under test in Canada	June 29	62
Zanchoi, Searle's gall bladder abturgent	May 4	17
Dyes - Printing vat dye-stuffs on cotton and rayon fibers - new German method	Apr. 27	114

E

ET-57 - systemic insecticide for cattle grubs Feb. 9-86	Mar. 2	50
Economics		
Capital venture - profitability of planned capital expenditures - report Bates & Weaver	June 15	115
Congress' economy drive affects chemical-important agencies (table)	Apr. 20	34
Inventories are ahead of sales	Apr. 13	21
Egypt - German trade fair in Cairo stresses political acceptability (table)	May 4	32
Electricity - High-intensity electric arc process Jan. 18-77	Mar. 9	26
Electrolytic deposition of metallic borides and silicides	June 15	90
Electronics - Bell's new crystal, triglycine sulfate for use in electronic switching circuits and memory devices	June 15	138
Enzymes		
Bromelin, proteolytic enzyme recovered from pineapples, to be marketed	Feb. 16	79
Machine-vended enzymes for diabetes tests, Sugar-Chek, will be tried in Chicago	Jan. 19	18
Water solution of enzyme trypsin	Jan. 12	62
Equipment		
Where do we stand on titanium equipment? Who fabricates titanium equipment?	Apr. 13	27
	Apr. 13	32
Ethylene		
Ethylene-polyethylene developments in California	May 4	18
Stark process offers shortcut to low-cost ethylene via stand-by gas plant facilities (table)	June 22	96
Ethylene Oxide - Demand - six years to catch up (chart & tables)	June 15	77

Europe

Common market - second wind for European chemicals	May 18	16
Communist satellite chemicals lag	Apr. 13	52
OEEC predicts chemical production will continue to increase, but at a lower rate (charts & table)	Jan. 5	30
Explosions - Nitro explosion's aftermath shows how companies cooperate	May 11	46
Explosives		
Ammonium nitrate mixed with fuel oil safer than dynamite	June 15	44
Nerex-liquid oxygen explosive	May 25	69
Exports		
Barter program - trading agricultural crops for strategic goods is in for a review	May 25	31
Britain's Red China trade-ban relaxation - reappraisal of U.S. stand suggested	June 15	57
British chemical makers see a plum in now-permitted trade with Red China	June 8	18
Canadian shipments of chemicals and allied products to the U.S. (table)	Apr. 20	130
Canadian tariff rate changes will pinch U.S. chemical producers (table)	Feb. 2	32
European chemical imports gain, but exports are greater (charts & table)	Jan. 5	30
European common market and its effect on U.S. chemical export sales	Apr. 20	120
Fight to renew the reciprocal trade act	Apr. 27	43
Five-nation China trade roundup	June 22	59
Foreign chemical industries are pushing hard in world markets	Mar. 23	74
Foreign trade hits historic high (chart)	May 11	28
Foreign trade - pattern for profit	Mar. 23	78
Great Britain cuts down on imports, as its industry gets more self-sufficient (tables)	June 29	80
Great Britain third-ranking exporter of plastics in 1956	May 18	9
Illegal transhipment of goods to Communist-dominated countries	Mar. 30	34
Japan's expanding trade with both the Communist and free-world nations presents a problem (tables) - report	Feb. 23	100
OTC awaits U.S. approval	Apr. 13	43
Shoe polish exports - Canada and Mexico two of the important markets	Apr. 20	66
U.S. exports to Latin America are keeping European competition in check	Feb. 16	47
U.S. petrochemical exports to Mexico (table)	Mar. 30	28
U.S. pharmaceutical exports to Canada level off as Canadian output soars (chart)	Jan. 5	27
U.S. restrictions on trade with Communists eased	June 29	43
U.S. will restrict domestic exports to Red China but will agree to an easing of the international embargo (charts & table)	May 11	97
Extraction		
Continuous counter-current ion exchange and solid solvent for new uranium extraction	Mar. 30	73
Liquid-liquid extraction process for recovering niobium from pyrochlore	May 18	109
Solvent-leaching of uranium ore	May 18	116

F

Fair Trade

Abbott Laboratories fair trade case	Feb. 9	36
Bureau of Education on Fair Trade preparing bill that would give fair trade greater strength (table)	Apr. 20	62
McKesson-Robbins "fair trade" case is settled	May 25	31
Fatty acids - Ups and downs of fatty acids business - production, consumption	May 18	130
Federal Flood Indemnity Administration - Flood insurance: worth the risk?	Mar. 9	98
Federal Trade Commission		
Crackdown on some chemical specialties advertising on television and radio	Apr. 6	18
Divestiture order against Crown Zellerbach	Mar. 16	22
Has begun another antibiotics study	June 1	29
More money for antimonopoly work, but agency lost \$100,000 for statistical studies in Congress economy drive (table)	Apr. 20	34
Premier notification bill will give authority to seek injunctions	June 1	23
Zone pricing clarified	Mar. 9	21
Ferroelectrics - Bell's new crystal, triglycine sulfate	June 15	138
Ferromanganese		
High-temperature Udy process converts low-grade ore into a suitable starting material for ferromanganese production	Jan. 26	79
Oxygen use in ferromanganese production	June 15	89, 92
Fertilizers		
FCO wants new labeling for reporting phosphate and potash content	Jan. 12	42
Aerial farming in New Zealand (chart)	Mar. 9	42
Deliveries in the U.K. (table)	June 29	80
Gibberellins go commercial Feb. 2-18	Feb. 9	65
Israel is self-sufficient	Apr. 6	116
Japan's having a hard time competing against the U.S. and Europe (tables) - report	Feb. 23	100
Laws leverage on fertilizer wages (table)	Feb. 2	34

Motivation study	Apr. 27	74	Flash bulbs brighten chemical sales (chart)	Mar. 23	34	Ammonia may substitute biphenyl to preserve citrus fruit in transit	Mar. 16	74
Potash and phosphoric acid — new supplies for fertilizer makers	Mar. 9	112	Floods	Mar. 9	98	Fungicides — Biphenyl's reputation for causing cancer may turn citrus industry to ammonia as a substitute	Mar. 16	74
Sewage sludge dryer designed to produce salable fertilizer	Apr. 27	98	Texas chemical plants are still safe	May 18	9	Furfural — Wood distillation plant may start making furfural	June 15	89
TVA report on output	Jan. 19	82	Texas takes a drenching, but most plants stayed high and dry	May 11	23	Furnaces — Consumable-electrode vacuum remelting furnace handles hard-to-process metals	June 8	61
U.S. consumption of plant nutrients is growing (chart)	Jan. 26	27	Fluidization	Feb. 16	112			
Fibers			Phthalic anhydride recovery with fluidized technique	Feb. 16	108			
American Viscose unveils new high-strength staple fiber — Avisco XL	May 18	82	Pyzel fluid-bed cement process					
Arnel fiber gets new antistatic treatment	June 15	18	Fluorine	Mar. 30	55			
Feeding raw sulfur to sheep prevents shrinkage of wool	June 29	62	British researchers replaced hydrogen in benzene with fluorine with significant results	Mar. 30	11			
Japan's fast-growing synthetic fiber industry (tables) — report	Feb. 23	100	Chicago's having trouble buying enough fluoride for its water supply	Apr. 27	22	Gas	June 15	98
Noncellulosic synthetic fiber capacity is growing (tables)	Apr. 20	126	Documented history of fluoridation published	Mar. 2	16	Australian \$22.5-million gamble begins to pay off	Mar. 2	55
Noncellulosic synthetic fibers rising importance	June 29	17	Fluorocarbon propellant plant planned for Carbide W. Va.'s chemical complex	Mar. 23	36	New process for converting oil to synthesis gas	Feb. 23	70
Organic microfibers	Jan. 19	78	Milwaukee is raising another charge of uniform bidding	May 11	84	Gasoline		
Polyester fiber promotion — Du Pont's Buchanan wins honor award from CCDA	Mar. 2	36	New compounds researched for high-temperature resistance	Apr. 27	22	Additives — X-Chemical, tri-butyl phosphine Mar. 9-91	Mar. 16	118
Printing vat dye-stuffs on cotton and rayon fibers — new German method	Apr. 27	114	No fluoridated water in Oroville, Cal. until supreme court ruling	Apr. 27	22	Phosphorus and boron additives	May 11	81
Rilsan, French nylon made from castor oil	Jan. 12-61		Privately owned company ordered to fluoridate its water Feb. 9-18	Feb. 23	18	General Agreement on Tariffs and Trade		
Synthetic felts prime for process uses	May 11	88	Sodium silicofluoride for fluoridation of water (chart)	Feb. 2	27	New approach to U.S. trade policy being sought by "free traders"	Apr. 27	43
UT-Formula, new finish for Orlon and Acrilan	Feb. 9	72	Two petitioners have asked for rehearing by CPUC	Feb. 23	18	Germany		
Zefran fiber is not a copolymer	Mar. 23	67	U.S.P.H.S. wants cheaper fluoridation	Feb. 9	68	Acetylene from oil — Hoechst's new pyrolysis process	May 18	112
Field Sales Management Institute — Training in field sales supervision	June 8	34	Fluorocarbon			East Germany leader in plastics pool	June 1	26
Filters — Method of separating foreign particles from lamp black	Mar. 30	56	Australian novel system of cementing polytetrafluoroethylene	June 8	18	Joins the high-energy fuels whirl — new diborane process	May 25	48
Financial			Fluorinated resins will be offered commercially by 3 M	Mar. 23	17	Latest specialty developments	Mar. 23	56
Administration will insist on continued fast amortization for research and development	May 25	31	Food & Drug Administration			Gilsonite — Pipeline to carry gilsonite in water from Utah to Colorado	May 4	63
BDSA waits verdict	June 1	25	"Anti-Hoxsey" posters warn against cancer treatment	Feb. 9	36	Glass	June 22	52
Bills important to chemical processors to be studied by Congress (table)	Jan. 26	21	Congress' economy drive — 1958 spending request approved by House (table)	Apr. 20	34	Pyroceram, Corning's new crystalline glass will find use in high-temperature, shock-resistant applications June 1-75	June 8	64
Bureau of the Budget will combine chemical and petroleum refining industries for purposes of government statistics	Mar. 9	41	Decided to ban nonprescription sale of hydrocortisone	Jan. 26	18	Glass Fibers — Nonlogging filters wrapped with glass-filter aid in phthalic anhydride recovery	Feb. 16	112
Business indicators — eight indexes: can they show the future?	Feb. 16	21	Feeds climb	May 18	70	Glycerine		
Capital venture — methods to select it wisely — report Bates & Weaver (table)	June 15	115	Food additive bill pending	June 15	37	Tax write-offs Mar. 16-17	June 8	43
Cash dividend payments record high	Jan. 26	17	Formal decertification proceedings against two of the four yellow coal-tar dyes	Jan. 12	62	Researchers bestowed awards by Glycerine Producers Assn.	Feb. 2	42
Chemical capital spending plans for 1957 show greater gains than all industry (chart & tables)	Apr. 27	34	Hoffman-LaRoche is pressing for public hearings on food colors	June 29	24	Glycidyl methacrylate — Compound for epoxidation of vinyl polymers	Feb. 9	85
Chemical companies' earnings for 1956 (table)	Mar. 16	20	1958 budget cuts may be restored	Apr. 6	49	Great Britain		
Chemical companies' first quarter earnings — sales continue to rise, but profit margins still sag (table)	May 4	20	Problem of pesticide residues in meat and on forage crop defined	Mar. 30	43	Calder Hall having trouble with its lower fuel element	Feb. 16	79
Chemical credit men gather, put accent on the positive	Mar. 16	52	Propaganda will be pushed in food and drug law enforcement	Mar. 30	25	Calder Hall vs Shippingport, friendly rivals in the nuclear power race	May 25	58
Chemical firms will tighten their credit regulations	June 1	78	Proposing two vitamin rule changes for niacin and riboflavin	Feb. 23	88	Chemical exports to Red China	May 22	59
Chemical industry plans to spend \$1.2 billion for capital expenditures in 1957 (charts & tables)	Mar. 30	16	Putting all its effort behind chemical additives law approval	Apr. 20	57	Chemical industry nationalization target	Mar. 16	38
Chemical plant spending is going up (tables)	Feb. 9	23	Seizure of 11 lots of drugs, and a court victory	June 15	65	Drugmakers okay price fix	Apr. 20	32
Chemical processors keep on building — new plant and equipment expenditures (table)	June 22	40	Warns makers of penicillin mastitis remedies to keep residues from milk	Feb. 23	87	Expansion — a shrinking market for U.S. chemicals (tables)	June 29	80
Chemical stock prices are rising (chart)	May 11	21	Will have new headquarters-lab building on schedule	Mar. 2	55	Spending more of gross national product on research and development than U.S.	Mar. 9	92
CW survey results indicate the next six months may be crucial for chemical producers	June 1	25	Food Chemicals	Apr. 27	82	Third-ranking exporter of plastics in 1956	May 18	9
Chemicals vs oils as investment (tables)	May 4	80	Amino acids can retard growth	Apr. 27	82	Greece — Chemical growth (chart)	June 22	44
Costs of worker absences due to long illnesses (table)	Apr. 6	62	Carotene synthesis potential competition for coal-tar-derived dyes (table)	Jan. 26	66	Guided Missiles		
Dividends from chemical stocks are high (chart)	Jan. 12	27	HEW-backed bill liberal toward old additives	Feb. 23	18	Chemical management is taking a fresh look at the growing U.S. missile program (chart)	May 25	23
Federal budget-cutting affects chemically important agencies (table)	Apr. 20	34	Industry and FDA in conflict on chemical additives law	Apr. 20	57	Holaday, William, new missiles chief	May 25	25
Federal statistics-gathering activities will be hit by budget cuts	May 25	72	Pop stabilizer, Akwiltizer	June 8	94	Stepped-up missiles program — Air Force will build bigger oxygen plant	Feb. 2	65
Federal subsidies to help find cancer cures	Apr. 13	43	Two food additives bill pending	June 15	37			
Government loans may be used as an alternative to write-offs	June 8	43	Foot balms — potential market for novel products	Apr. 27	114			
Government's plans to aid drought-and poverty-stricken farmers	Feb. 2	23	Fountain-pens — Ball-point pen sales cut into fountain pen ink market	Apr. 13	84			
Government spending for research and development in 1957 (chart)	Jan. 5	28	France — Vinyls pace plastics climb (chart)	May 18	28			
Government's Texas Tin smelter sold	Jan. 12	23	Freight Rates					
House Appropriations vote to eliminate BDSA funds for industry aimed at Sec. Weeks Apr. 13-43	May 4	29	Applications for reduced freight rates filed with ICC	Apr. 27	76	Hafnium — U.S.I. studies Australian process for separating zirconium from hafnium	Feb. 2	58
Industrial insurance plan brings simplification savings	Jan. 12	31	Conference-line rate fixing held illegal	Jan. 5	56	Hajos, Zoltan — A look at the new life of a transplanted Hungarian researcher	June 15	132
Investment trend of pension funds — toward corporate securities (tables)	Jan. 26	34	Higher railroad freight rates approved by ICC have set the pace for more to come	Jan. 5	58	Hecogenin — Cortisone from hecogenin	Apr. 20	96
Montecatini's stock listed on N.Y. Stock Exchange Feb. 23-18	Mar. 2	15	ICC will hear final railroad arguments asking 17% increase	June 1	19	Health, Education & Welfare Dept. — "Modern Republican" team named to manage department	Mar. 9	41
N.Y. Stock Exchange exhibit features three companies that have chemical process interests	Mar. 9	100	Fuel	June 22	67			
Pattern for profit in foreign sales	Mar. 23	78	Boron fuels — joint venture planned	May 18	109	Helium	May 11	27
Reappraisal of capital-spending outlook (table)	Mar. 23	22	Ceramic fuel elements composed of mixture of oxides of thorium and uranium	May 18	110	End of government's monopoly? Missile and rocket applications have swelled demand	June 29	34
Rent your research lab	Jan. 12	47	Diborane, decaborane — high-energy fuels	Apr. 13	75	Henkel process — Scanty literature richer by one U.S. patent	June 15	89
Slow payments threaten future sales (chart)	Apr. 6	75	Fluidized-bed method being applied to nuclear fuel element problem	Apr. 13	63			
Steel profits rise, but margin drops (chart)	May 4	30	Fuel elements for future nuclear reactors research target	May 25	48	Herbicides		
Stock option and purchase plans — how companies help employees invest	Feb. 16	27	Germany joins the high-energy fuels whirl — new diborane process	Apr. 20	95	Florida's "pull and treat" method of fighting "spreading decline" knocked out by state's supreme court	Mar. 9	106
Stockbuying habits of institutional investors in Senate report	Jan. 12	22	High-energy fuel program — government contracts for sodium borohydride	May 18	110	Urox Weed Killer	Mar. 23	56
Texas City explosion — controversy over damage payments still continues	Apr. 20	33	High-energy fuels highlight Commercial Chemical Development Assn. meeting	Apr. 27	82	High-intensity Arc		
Fires — Winter fires take toll	Jan. 26	25	Irradiated coal as liquid fuel additive	Apr. 6	24	Getting ready to go commercial; first process use-making manganese from refractory ore	Mar. 9	26
Fish — Trout hatcheries will use feed made from sulfite liquor waste	Jan. 19	94	Rocket fuel — fast tax write-offs for new liquid oxygen and nitrogen transportation equipment	Apr. 27	94	Process will be tested in pilot plant	Jan. 19	77
			Thorium's role in nuclear power's prospects	Mar. 9	45	Highways		
			Time to turn the atom to profit — report R.E. Vener (charts & tables)	Feb. 2	65	Asphalt antistrip additive makers see \$40-million/year market	May 4	54
			Udetta latest fuel for rocket systems			Expenditures drive ahead — \$8 billion will be spent this year (chart)	Feb. 23	28
			Fungicides			Sulfite waste to combat frost heave	June 22	84
			Agents to fight oak wilt	June 1	55	12 million tons of asphalt used in paving the nation's roads (charts)	Feb. 23	27

Holaday, William — Chemical process man takes over supervision of missile program	May	25	25	Incentive plans — GAF executive incentive plan	Apr.	27	57	Mexican petrochemical industry impends despite opposition to foreign companies (table)	Mar.	30	28
Holroyd, Ronald — ICI's deputy chairman has controversial views on research lab location	Mar.	30	48	India Boost coming in chemicals (chart) Synthetic rubber plant included in next five-year plan	Mar.	16	28	Mobile homes rolling market for chemical products	Mar.	23	70
Hops — Oregon hops are solvent-extracted to produce lupulon and humulon	Jan.	19	58	Industry Developments Agfa Photo being re-established in the U.S.	Apr.	6	124	Monsanto reports on first year following merger with Lion Oil	May	4	234
Hormones — Sial new commercial source of steroid hormones	Apr.	20	41	Agricultural chemical industry — more facts and figures needed to aid growth Alaska's process plants push statehood (map & tables)	Mar.	30	44	Netherlands — Merck & Co. opens plant	May	25	35
Hospitals — Buy 26% of all pharmaceuticals	June	22	78	American Lithium Institute organized by three principal makers of lithium metal	Feb.	9	34	Niagara's opportunities for future growth (map & table)	Mar.	16	33
House Ways & Means Committee — Anti-dumping study under way in preparation for subcommittee hearings	Mar.	16	27	Australian gas from lignite plant begins pay off	Mar.	23	29	Philippines — Manila resin plant, RCI's	June	15	61
Houston, Tex. — Texas chemical firms will benefit from a new \$12-million port project	Mar.	16	38	Baltimore plant expansions totaling \$50 million have been dropped as a result of the repeal	June	15	98	Pittsburgh — growing prospect for L.C.L. sales	Feb.	2	70
Houston Channel — Still room for growth (map)	June	8	46	Brazil's Matarazzo complex moves further into chemicals with U.S. companies' know-how	Mar.	2	24	Production growth since 1929 — Commerce Dept.'s report (tables)	May	4	24
Hungary First official report on production of titanium from red mud	June	1	76	Business indicators — eight indexes: can they show the future?	Mar.	2	24	Ravenswood, W. Va. — Kaiser helps building a new city	Apr.	27	46
Heavy chemical production lags	Apr.	13	52	CCDA examines today's sprawling plastics industry (tables)	Feb.	16	21	Senate Antitrust and Monopoly Subcommittee economists consult chemical companies	Feb.	16	17
Hydrazine — First tank car shipment from Lake Charles, La.	Mar.	23	24	Canada's growing sulfuric needs reflect booming expansion (chart)	Apr.	6	113	Smith-Douglas takes over Texas City Chemicals Jan 26-23, Feb 16-17, Mar. 2-16, Mar 9-17	Mar.	23	23
Hydrocarbons Butane comes into the propellant picture (table)	May	25	92	Canadian pharmaceutical production (chart)	Apr.	27	44	South Carolina about to become an aluminum-producing state (map)	Feb.	2	24
Fluorocarbon propellant plant planned for Carbide's W. Va. chemical complex	Mar.	2	16	Canadian process firms fared well in 1956 (table)	Apr.	27	44	Southern states lure for new industry (table)	June	22	47
Hydro-Electric Power Fracas over hydro power doesn't deter chemical expansion at Niagara (map & table)	Mar.	16	33	Canadian uranium boom	Apr.	27	44	Standard Oil of California consolidates its chemical setup	May	11	24
Hooker sees no long-range trouble from Niagara power situation	Apr.	13	22	Capital venture — measure your next project against a profitability yardstick — report Bates & Weaver (tables)	Apr.	27	44	Steel and coal-chemical expansion won't get government aid	Jan.	5	21
Niagara Falls industries will expand when new power is available, if price is right	May	18	22	Chemicals and allied products firms plan to spend \$344 million more than last year — survey by SEC and Commerce Dept. (table)	May	25	85	Synthetic fibers are making news abroad. Time to turn the atom to profit — report R.E. Vener (charts & tables)	June	29	17
Niagara Frontier chemical firms went to the Senate to stress the area's power needs	Apr.	20	57	Chemicals are the focus of Senate monopoly probes' preliminary investigations	June	15	115	Infrared — Low-cost spectrophotometer	Mar.	9	45
Niagara Mohawk Power's emergency rate increases of 20-25% may be permanent	June	8	17	Chemical capital spending plans for 1957 show greater gains than all industry (chart & tables)	Mar.	23	22	Printing ink usage will grow as trend to color packaging gains further momentum	June	1	88
Nuclear power may become cheaper than hydro electric power — but not for 30 years	Apr.	13	76	Chemical companies' cash dividend payments record high	Feb.	23	21	Sales of ball-point pens cut into market for fountain-pen ink	Apr.	13	84
Hydrogen — Synthesis gas from lignite, estimated costs (table)	Jan.	19	70	Chemical companies' cash dividend payments set a January high	Apr.	27	34	Insecticides Aerial spraying in New Zealand (chart)	Mar.	9	42
Hyppia, Jorma at CMRA meeting — reporting with a reel H.C.E. Johnson	Apr.	13	14	Chemical companies' earnings for 1956 (table)	Jan.	26	17	Aerial fanning of DDT for gypsy moth growth (chart)	Apr.	6	50
				Chemical companies' first quarter earnings — profit-margin squeeze continues (table)	Mar.	30	12	Balloon fences battle bugs in England	Apr.	6	126
				Chemical companies' earnings for 1956 (table)	Mar.	16	20	Control 56 spray suit appealed	Apr.	20	104
				Chemical companies' first quarter earnings — profit-margin squeeze continues (table)	May	4	20	Dieldrin in mothproofing woolen fabrics	Feb.	23	46
				Chemical companies' earnings for 1956 (table)	Feb.	23	17	ICI's Tetram and Hercules' Navalvel going commercial	Apr.	20	60
				Chemical companies' earnings for 1956 (table)	Mar.	30	16	Naming problems are rife among miticide makers	June	8	17
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Navadel, new pesticide-miticide developed by Hercules	Apr.	20	18,60
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	New insect repellent, Off, gets top rating	Mar.	9	104
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Pesticide residues in meat and on forage crops	Mar.	30	43
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Pesticide sales reach new peak in '56	Feb.	16	43
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Pyrethrum — U.S. bought 68% of African supply (chart)	Jan.	19	28
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Researchers look for coal chemical materials useful in combating marine borers	June	8	72
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Sales soar to new mark	June	15	96
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Synthetic fibers are making news abroad. Time to turn the atom to profit — report R.E. Vener (charts & tables)	June	29	17
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Toluamide (meta-Delphene) off to a flying start	Mar.	2	50
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	U.S. Dept. of Agriculture DDT sprayers to eradicate gypsy moths fly into a controversy	May	11	66
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	USDA tests insecticides to combat cattle gnats	May	1810,64	
				Chemical companies' earnings for 1956 (table)	Jan.	5	37		Feb.	9	86
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Instruments Automated equipment makes instrument engineer a key man	June	8	27
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Electro-optic device based on hire-fringe-energy theory for quick check on molecular structure	Apr.	20	148
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Petroleum processors report on instrumentation progress at American Petroleum Institute parley	May	25	62
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Insurance Costs of long absences (table)	Apr.	6	62
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Employees at nuclear power stations in G. Britain	Mar.	23	18
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Flood insurance: worth the risk?	Mar.	9	98
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Government subsidy may be answer to high cost of atomic insurance	Jan.	26	25
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Property insurance coverage may mean 43% premium saving to some chemical companies	Jan.	12	31
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Interbureau Insurance Advisory Group — New Insurance plan, the Industrial Property Policy Program brings simplification	Jan.	12	31
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	International Atomic Exposition — Philadelphia show had much to offer chemical visitors	Mar.	23	90
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	International Labor Organization — Industry criticism of U.S. participation	Jan.	26	24
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Inventories — are they growing too fast?	Apr.	13	21
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Ion — Linear accelerator the Hilar will enable study on new transuranium elements, isotopes, nuclear reactions and spectroscopy, and range-energy curves of heavy ions	Apr.	28-82	
				Chemical companies' earnings for 1956 (table)	Jan.	5	37		May	4	42
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Ion Exchange Continuous counter-current ion exchange extraction of uranium	Mar.	30	73
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Countertlow regeneration process improves quality of deionized water	May	18	118
				Chemical companies' earnings for 1956 (table)	Jan.	5	37	Ionizoid — Finding application in mental therapy	Apr.	13	75

Iron			
New process for desulfurizing iron	June 29	62	
Sponge iron - Russians developed a process by reducing iron oxide with methane	Apr. 27	81	
Steel made by Amco from sponge iron furnished by J. Madaras	May 25	69	
Isophthalic Acid - From California to Eastern markets	June 22	62	
Isotopes			
Kellogg's difficulties with radioactive contamination at South Houston, Tex.	June 1	24	
Radioactive isotopes market is growing fast (chart)	Jan. 5	27	
Israel - Chemical corner	Apr. 6	116	

J

Japan			
Chemical industry is keyed to petrochemicals, synthetic fibers and fertilizers (table) - report	Feb. 23	100	
Patent Office Tribunal rules in favor of Wisconsin Alumni Research Foundation patent on warfarin	Feb. 16	32	
Pilot production of heavy water for atomic industry	June 8	61	
Joint Congressional Committee on Atomic Energy - Direct Congressional supervision is in the offing	June 22	43	

K

Kanawha Valley, W.Va. - Industrial planning for disasters pays off	May 11	46	
Kansas City - Bid for new chemical plants (map & table)	Feb. 23	31	
Kilns - Vertical lime kilns more than triple production at Electromet's after being redesigned	Mar. 16	88	

L

Labeling			
Fertilizer formula - AFCO wants change in labeling	Jan. 12	42	
Rep. Curtis to CSMA - the consumer deserves safer labels	June 8	98	
UN gets report on labeling hazardous chemicals, but its recommendations differ from ILO proposals	Jan. 19	44	
United Nations will try to reconcile world agency split on chemical hazard labels	Mar. 2	34	
Labor			
Anticorruption measures have been adopted by OCAW and ICWU	May 25	20	
Bargaining at multipoint level	Feb. 16	28	
Canadian labor unions cannot be held liable for torts	June 15	17	
Chemical industry employment has fallen off at Niagara Falls	June 15	17	
Chemical union merger may come in '57	Feb. 9	21	
Costs of long absences (table)	Apr. 6	62	
Diagnosing problem workers	May 18	34	
Dock and tug strikes hurt cargo movement but caused no pinch on chemicals	Feb. 23	92	
Employee-owners profit by pioneering	Jan. 26	98	
Federal drive to end racial discrimination by government contractors taking a new turn	May 18	27	
Health education part of industrial relations program	June 29	52	
Hot-lab technicians get special training at AEC's Bettis plant	Apr. 27	88	
Hungarian refugees easily fit into working staffs	Feb. 16	36	
ICWU - investigator Kennedy tags union with new racketeering charges	Feb. 2	36	
ICWU's Local 587 deals with racketeers	Feb. 9	18	
ICWU's new move in cleanup	Feb. 23	24	
ICWU president Mitchell strives to modernize bargaining, organizing tactics	June 1	98	
Industry criticism of U.S. participation in ILO	Jan. 26	24	
Linde boosts wages at two plants	Apr. 13	18	
Linde Air Products Co. fifth plant organized by OCAW goes on strike	Mar. 2	15	
Maintenance skilled labor force is shrinking	Feb. 2	60	
Minneapolis-Honeywell professional employees vote "no union"	May 18	10	
National Vulcanized Fibre asks higher productivity to meet wage increase	May 18	10	
New role for pension funds (table)	Jan. 26	34	
Nonprofessional researchers	Feb. 2	40	
OCAW-ICWU merger now appears more remote than ever	May 25	20	
OCAW will lower wage-increase goals	May 25	20	
Office Temporaries provides temporary office help for industrial clients	Apr. 20	104	

Organized labor in the Orange County, Tex.	June 22	17	
Organizing nonunion chemical plants is tougher than ever	Feb. 2	18	
Personnel testing practices (table)	Jan. 19	30	
Otto Pragan back on the job trying to revive union bargaining	Jan. 19	18	
Shutdown claimed to be result of union picketing	June 22	17	
State groups ponder new laws	Jan. 12	21	
Stock option and purchase plans - how companies help employees invest	Feb. 16	27	
Teamsters Union is losing ground now that chiefs are under fire	Mar. 23	23	
Time clocks are punching out	Jan. 5	50	
Union Carbide's employee-stockholders question management about labor relations policies	Apr. 27	37	
Union Carbide's Linde division strike at Moundsville, W. Va. plant settled by turning operations over to Allied Chemical & Dye	May 18	22	
Unions aim at the two biggest companies	Mar. 16	23	
Union's plan of attack on PRDC's reactor-building program takes shape in AEC hearing	May 25	25	
Unions question reactor safety	Jan. 19	22	
Unions slip in polls	May 18	40	
U.S. High court rules federal courts can force both companies and labor unions to live up to the arbitration clauses in their labor contracts	June 15	17	
Wages - Hearings under Walsh-Healy wage-setting law will discuss competition	Mar. 30	30	
Wages - high court decision allows strikes any time contracts are being re-examined	Feb. 2	17	
Wages - Increase in minimum wages meant little to the chemical and allied products industries, new government report indicates (table)	Feb. 2	34	
Wages - rate for workers in the soap and related products industry (table)	June 29	56	
Wages tied to productivity (charts & table)	June 22	31	
Wages - Washington believes the 1957 wage pattern will even out at 6%	May 25	31	
Wages see also Manpower, technical, Research, Selling			
Laboratories - Research lab location	Mar. 30	48	
Latin America			
Steroids from sisal	Apr. 20	41	
U.S. exports to Latin America are keeping European competition in check	Feb. 16	47	
Low			
Abbott Laboratories fair trade case	Feb. 9	36	
Air pollution law adopted by New York State	May 4	18	
Alcohol tax evasion case	June 22	52	
Alien property bill will get a full airing before a Senate Judiciary Subcommittee	Apr. 6	49	
Antidumping Act proposed changes-fight looms Feb. 16-32	Mar. 16	27	
Antimonopoly law with stronger antitrust stand for New York State asked by Leffkowitz	Apr. 6	61	
Antisepsis-patent battle	June 8	50	
Antitrust decision against Du Pont	June 15	36	
Antitrust legislation bogged down in both houses of Congress	May 25	38	
Appeals Court of Alberta has ruled in favor of the New British Dominion Oil Co. vs Mid-Con Oil & Gas	Mar. 16	18	
Atomic secrets in court	May 11	50	
Bayer vs Sterling	Feb. 23	36	
Bills important to chemical processors to be studied by Congress (table)	Jan. 26	21	
Brass mills seeking relief from foreign imports of copper and brass products	Mar. 9	100	
Butterfly injunction - Bristol-Myers vs Macy	May 4	86	
Calcium chloride firms accused of price fixing in Milwaukee	Jan. 19	17	
Canadian antimonopoly laws strengthened	June 1	20	
Canadian antitrust case decision awaited	Apr. 13	56	
Caustic dust suit against Westvaco	June 29	54	
Chemical legislation - new laws lost in the rush?	June 15	37	
Columbia Southern lost its fight for exclusive dredging rights	May 11	18	
Columbia-Southern's second chlorine gas suit	Mar. 30	34	
Con-Am bankruptcy suit	June 1	98	
Corporate tax change proposed	Mar. 16	20	
Damages for widow	Apr. 6	61	
Delaware Supreme Court decided that addresses and holdings must be parts of stockholder lists	Jan. 19	34	
Dual-rates established by agreement among Freight Conference line held illegal by court decision	Jan. 5	56	
Everglades Fertilizer defendant in bag-filling patent suit	Feb. 2	34	
Fairbach Chemical vs. International Industries dip-type silver cleaner law suit	Feb. 2	34	
"Fair field" pricing legal	Mar. 23	23	
Fair trade price maintenance laws - bill to be put before Congress in 1958 (table)	Apr. 20	62	
Federal agencies looking for more scientists, engineers will get help from Congress	Mar. 23	33	
FDA actions on food additives, drugs, pesticides, food chemicals to be expected	Mar. 30	25	
FTC approves order to stop misrepresenting the qualities of soil conditioner Actumus	Mar. 16	40	

FTC complaint against TV advertising of American Chic's Rolands	June 1	98	
FTC divestiture order against CZ will be precedent-setting if upheld	Mar. 16	22	
Florida's "pull and treat" method of fighting "spreading decline" knocked out by state's supreme court	Mar. 9	106	
Fluoride fumes suit filed at Columbia, Tenn.	June 1	98	
"Full return" alien property bill is dead for this session of Congress	June 1	29	
GAF stock sale indefinitely postponed	Apr. 27	38	
Good faith? defender	Apr. 6	66	
Good Faith defense - Detroit case to be reviewed	Jan. 12	33	
"Good Faith" pricing law comes under fire during hearings in Washington	Mar. 23	21	
Gypsum - U.S. Gypsum wins right to collect royalty payments from gypsum board manufacturers for use of patents	Mar. 9	100	
High court decision allows strikes any time that wage levels are being re-examined under a contract	Feb. 2	17	
House Antitrust Subcommittee's study of recent antitrust actions in cases involving patents	Feb. 23	34	
Interhandel GAF lawsuit Jan. 12-17, Jan. 19-20, Jan. 26-17, Feb. 23-17, Mar. 2-9, Mar. 9-18, 22, Mar. 16-17, Mar. 23-22, Apr. 6-49, Apr. 20-32, Apr. 27-38,	June 1	29	
Koppers infringement suit	May 4	88	
Lawyers should advise, not negotiate, purchasing group is told	Feb. 2	72	
Leverage on fertilizer wages (table)	Feb. 2	34	
Louisiana offshore hassle renewed	Apr. 27	56	
McKesson-Robbins "fair trade" case is settled	May 25	31	
Merck has appealed to Court of Appeals in vitamin suit against Olin Mathieson	May 25	41	
Michigan legislature to study hydraulic saltmining to settle mine hassle	June 1	26	
Milwaukee price probe	June 9	23	
Minnesota Mining & Mfg. wins patent infringement suit against William Armstrong Smith Co.	Mar. 9	100	
Monsanto's suit against former employee violating contract Mar. 23-36, May 25-41	June 22	18	
Narcotics curbs	May 22	52	
Natural gas bill just about dead	May 18	27	
Natural gas legislation comes up again for Congressional consideration	June 8	22	
North Carolina is pondering bill that would give companies right to condemn property for acquisition if pollution abatement is involved	May 4	22	
Organic chemical makers may bear brunt of new legal action	Feb. 2	33	
Patent system changes proposed by Vannevar Bush	Jan. 12	32	
Patents - harsher handling of Patent Office decisions may make appeals of adverse patent rulings more common (table)	Jan. 19	32	
Pitfalls of patent delay	June 1	26	
Plastic containers suits	Feb. 16	32	
Pollution case, the first under the new federal water pollution control act	Jan. 5	32	
Pollution control laws clamor	Apr. 13	17	
Pollution suits in Idaho	May 4	86	
Polonium poisoning suit	Mar. 16	40	
Rayonier has injunction problems again in Georgia	Mar. 9	23	
Robinson-Patman Act - Do we believe in competition? H.C.E. Johnson	Mar. 2	6	
Sar vaccine litigation will serve as a test case	May 25	41	
Secret briefs for atomic secrets	June 15	65	
Six rubber companies' price fixing suit	Mar. 16	18	
Mar. 2-10	Apr. 20	104	
Spray suit appealed	May 11	48	
State corporation tax laws are being changed by legislators (table)	May 11	48	
State groups ponder new laws	Jan. 12	21	
Sterling's victory in Costa Rican courts	June 29	55	
Stockholders of Standard Sulphur bring suit contesting bankruptcy	May 25	25	
Sun Oil suit against Stavros Niarchos' World Tankers Corp.	Mar. 2	10	
Supreme Court decision against Du Pont has given rise to secondary legal actions	June 15	17	
Supreme Court rules that DuPont must dispose of GM stock	June 8	20	
Texas battle over gas controls	May 18	34	
Texas court ruled in chlorine gas damage	Mar. 16	40	
Thermoid's former chairman and president Frank Schuller receives suspended sentence and fine for allegedly juggling financial records	Apr. 13	56	
Two bills to legalize "fair field" gas prices passed by Arkansas senate and house	Mar. 9	17	
U.S. and Canadian Supreme Court decisions shed new light on mergers and antitrust activity	June 8	22	
U.S. and Canadian Supreme Courts define labor's rights and responsibilities	June 15	17	
U.S. government files suit to force B.F. Goodrich to disclose its synthesis of "synthetic natural" rubber	May 18	20	
Vanadium Corp. and Union Carbide - antitrust trial Jan. 19-17, Feb. 2-18, Feb. 9-22, June 1-19	June 15	37	
Virginia-Carolina oyster case settled	Feb. 23	24	
Vit-Ra-Tox suits	June 15	65	
Watford Chemical accused of trading with the Communists	Jan. 5	32	
Zone pricing clarified	Mar. 9	21	

N

National Agricultural Chemical Assn. — San Francisco meeting discusses ag industry growth	Mar. 30	44
National American Chemical Society — Miami meeting highlights	Apr. 20	151
National Assn. of Credit men — 61st annual congress at Miami Beach finds time ripe for tougher credit terms	June 1	78
National Assn. of Purchasing Agents — Chemical and Allied Buyer's Group will discuss sales-purchasing relationship at Atlantic City meeting	May 4	38
Purchasers counter an indictment and hear about price and supply trends	June 15	107
National Bureau of Standards		
Cryogenic engineering lab research on insulating liquefied-gas storage container	Jan. 12	52
Has succeeded in electrodepositing light metals from organic solutions	Mar. 16	98
Research effort on free radicals	Mar. 2	46
National Cancer Institute		
Anticancer drug contracts	May 4	64
Crash research on cancer chemotherapy moves a step ahead	May 18	84
National Chemical Credit Assn. — Meeting discusses future chemical credit man	Mar. 16	52
National Heart Institute — Edible-fats and related research	Mar. 23	58
National Industrial Conference Board — Study of chemical concentration is not conclusive, Jesse Friedman tells meeting	June 1	25
National Sales Executives — Training program for field sales managers	June 8	34
National Science Foundation — Congress' economy drive — no additional money for equipment modernization (table)	Apr. 20	34
Natural Gas		
Alcoa and National Lead agree to pay higher price to Arkansas Louisiana Gas	Feb. 16	17
Arkansas fight over rates charged to industrial users	Feb. 9	24
Arkansas industrial gas users may pay higher prices now that "fair field" pricing is legal	Mar. 23	23
Arkansas passes two bills to legalize "fair field" gas prices	Mar. 9	17
Arkansas rate hike — "Three-X" gas contract	Feb. 2	17
FPC gives the go-ahead to Florida gas pipeline	Apr. 6	24
Florida gas pipeline gets FPC okay	Jan. 12	23
Gas compressor station exploded in Liberal, Kansas	Jan. 26	25
Gathering tax refund bill considered by Texas senate	June 8	55
Legislation comes up again for Congressional consideration	June 8	22
Natural gas bill just about dead	May 18	27
Texas battle over gas controls	May 18	34
Trans-Canada pipeline gets go-ahead	Feb. 16	24
Naval Research Lab — Reports a million degrees temperature	Mar. 23	68
Netherlands — Choice outpost for European operations	May 25	35
Neutrons — New study technique for use on crystalline materials	Feb. 9	90
New Zealand — Aerial farming (chart)	Mar. 9	42
Niagara — Fracas over hydro power doesn't deter chemical expansion (map & table)	Mar. 16	33
Nickel — Freeport and National Lead's projects in Cuba	Mar. 16	98
Niobium — Liquid-liquid extraction process recovers niobium from pyrochlore	May 18	109
Nitrogen — U.S. consumption of plant nutrients is growing, and nitrogen is enjoying the healthiest spurt (chart)	Jan. 26	27
Nutrition Foundation — Edible fats research — Charles King sparking a drive to gather \$1 million	Mar. 23	58
North Carolina — Carolina alumina hunt (map)	Feb. 2	24
Noscapine, formerly called narcotine as effective for cough relief as codeine	June 15	90
Nylon		
Immense nylon sacks may help solve oil ship shortage	Feb. 9	102
Noncellulosic synthetic fiber capacity is soaring (tables)	Apr. 20	126
Nylon plastic gets its second wind (charts & table)	Apr. 6	21
Rilsan, nylon 11, developed in France from castor oil, Jan. 12-61	June 29	61
Synthetic substitute for a branched human sorta	Feb. 16	94
O		
Oak wilt — Agents to fight a fungus forest blight	June 1	55
Office of Defense Mobilization — Write-off criteria studied	Mar. 16	23
Oils and Fats		
Cause of the coronary problem?	Mar. 23	58
Fatty acids business — production, consumption	May 18	130
Widest oil situation brings rush to commercialize development of Alberta oil sands	Jan. 19	23
Nylon sacks may help solve oil ship shortage	Feb. 9	102

Shale retorting process for recovery of hydrocarbons from tar sands	Jan. 19	74
Ointments		
FDA decided to ban nonprescription sale of hydrocortisone ointments and creams	Jan. 26	18
FTC cracks down on television and radio advertising	Apr. 6	18
Foot balm — potential market for novel products	Apr. 27	114
Organic Chemicals — Synthetic organic chemical manufacturers had best get set for increased activity under Robinson-Patman Act, Mason warns	Feb. 2	33
Organization for Trade Cooperation — Awaits U.S. approval	Apr. 13	43
Oxidation		
Ethylene oxide process	May 25	64
Scientific Design liquid-phase air oxidation to make phthalic anhydride and benzoic acid	Mar. 30	56
Xylene oxidation process	Mar. 9	91
Xylene oxidation processes and problem (chart & table)	Apr. 6	32
Oxygen — Tonnage-oxygen output is riding high, buoyed by demand from steel and chemical makers	June 15	92
Ozone — Novel process is discovered in NBS research on free radicals	Mar. 2	46

P

Packaging		
Biphenyl is getting reputation for causing cancer, search is on for new fungicides for citrus fruit	Mar. 16	74
Color packaging sets a fast pace for printing ink growth	June 1	88
Foilwall bags to enter chemical packaging market	Jan. 19	40
Giant consumer of chemicals — a \$13-billion industry by 1962 (chart)	Feb. 9	28
Glass goods — "V" method	Mar. 16	59
High-volume aerosol propelled with butane	Jan. 5	60
Metric switchover means new problems (table)	Jan. 26	48
Metric system for pharmaceutical packaging urged by Canada's FDD (table)	Mar. 16	55
National packaging exposition features raft of new material ideas	Apr. 20	113
Paints		
Aerial slider paints a wire	June 15	48
Brushless wood finisher by maker of TM-4 paint remover	Mar. 16	72
Canadian paint gain	Apr. 6	119
Marine paint: 5 million gal. in 1957 (table)	May 25	32
Navy's paint plants — final decision May 4-58	June 8	43
Potential market for latex-based exterior housepaint	June 29	18
Practical water-thinned, styrenebutadiene latex paints for metals	Feb. 16	18
Vienna, Austria, "Show Me" testing and teaching center	Apr. 6	128
Water-thinned latex formulation	Feb. 23	44
Water-thinned latex paint has a high-gloss	May 25	70
Paper		
Chemical needs of the Northwest pulp and paper industry (map & table)	Apr. 27	106
Merger faces battle	Mar. 16	22
Paperboard capacity passes output (chart)	June 8	44
Pulp-paper industry bets on more growth	Mar. 2	13
W. V. Pulp & Paper cancels proposed mill because of projected overcapacity	Apr. 6	24
Para-aminosalicylic acid — Do imports affect U.S. production? (table)	Jan. 26	31
Patents		
Antispasmodics patent hassle	June 8	50
Appeals court decision — don't use a process before applying for patents	June 1	26
Atomic power reactor patents of Constantine Chilowski — U.S. patent applied for	Feb. 23	87
Buying or selling rights to patents — some tax pitfalls to avoid	Feb. 16	30
Chemical process companies with 300 or more patents issued during a 17-year period (table)	Jan. 26	24
Court decision recognizes the right to engage in continued manufacture of a product after a similar product has been patented	Feb. 2	34
Court reversals of Patent Office decisions are rising (table)	Jan. 19	32
Eastman Kodak's polycarbonate plastics patents	June 1	57
Harder to obtain and harder to break if Congress adopts Vannevar Bush's legislative proposal	Jan. 12	32
Heavy-water process case — attempt to prevent AEC from publishing details	May 11	50
Henkel terephthalic acid process	June 15	89
House Antitrust Subcommittee's study of recent antitrust actions in cases involving patents	Feb. 23	34
Mechanized patent-searching trials may mean speedier granting of chemical patents	Jan. 19	52
Patent Office — bills drafted to raise examiners' salaries	Mar. 23	33
Patent Office lojiam dwindles slightly	June 29	54
Plastic container patent suits	Feb. 16	32
Wine from sugar process	June 29	36

Pavement		
Asphalt antistrip additive makers see \$40-million/year market	May 4	54
Future aircraft may get by with shorter airfield if new porous metal sheet material should prove out	May 4	63
Penicillin		
First, rational total synthesis of a natural penicillin worked up by MIT researchers	Mar. 16	97
First total synthesis of a natural penicillin	Mar. 23	65
FDA rules to limit penicillin in milk won't be changed	June 1	29
Nastitis remedies' makers warned by FDA	Feb. 23	87
Perfume — Foot balm potential market	Apr. 27	114
Permanent waving — Home permanent kits run up a \$100-million business (chart)	Jan. 26	28
Petrochemicals		
Expansion program planned by Shell Chemical in England	May 4	22
Japan developing a petrochemical industry will mean reduction of U.S. imports (tables) — report	Feb. 23	100
Mexican industry development impedes despite opposition to foreign companies (table)	Mar. 30	28
Pacing the Lake Charles, La. boom	Feb. 2	21
Puerto Rico's fastest-growing industry	Feb. 16	23
Subterranean storage (table)	Mar. 23	84
Petroleum		
Acetylene from oil — Hoechst new pyrolysis process	May 18	112
Billion-gallon boost in 1956	Jan. 5	40
Change of commodity classes opposed by petroleum processors (table)	Feb. 23	22
Chemicals vs oils as investment (tables)	Apr. 4	80
New process for converting oil to synthesis gas	Mar. 2	55
Offshore hassle renewed	Apr. 27	56
Oil company opposition is slowing sales growth of asphalt antistrip additives	May 4	54
Oilmen talk instruments	May 25	62
Research of new fuels, additives, lubricants on push-button basis	June 15	140
Subterranean storage (table)	Mar. 23	84
Tax benefits on overseas operations of U.S. oil companies under investigation	Apr. 27	43
Pharmaceuticals		
British drugmakers agreed to a government proposal to fix prices on drugs	Apr. 20	32
Hospitals buy 26% of all pharmaceuticals	June 22	78
Phenolic resins — Small firm in big business	Apr. 27	110
Philippines — Reichhold protects foreign investment by training "local" management	June 15	61
Phosphates — South Carolina revival?	May 25	26
Phosphine — Sinclair's X-Chemical is tri-n-butyl phosphine	Mar. 16	118
Phosphoric acid — Fertilizer makers get new supply	Mar. 9	112
Phosphorus		
Additive for gasoline	May 11	81
Hopes for production at Vernal, Utah	June 1	20
Photography — Agfa Photo being re-established in the U.S.	Apr. 6	124
Phthalic acids — New uses X (chart & table)	Apr. 6	32
Phthalic anhydride — Recovery with fluidized technique	Feb. 16	112
Pickle-liquor recovering process	Feb. 2	62
Piping		
Florida will get its natural gas pipe line	Jan. 12	23
70-mile pipeline will carry slurry of gilsonite in water	May 4	63
Trans-Canada pipeline gets go-ahead	Feb. 16	24
Pittsburgh, Pa. — Two broad-line local chemical sellers will contend for Pittsburgh-area market	Feb. 2	70
Plant Location		
Houston Channel — still room for growth (map)	June 8	46
Kansas City is making its bid for industry (map & table)	Feb. 23	31
Lake Charles, La. boom (table)	Feb. 2	21
Louisville, Ky. looks for new industry (map)	Apr. 20	99
Michigan process plants convert local critics	May 18	36
Netherlands, choice outpost for European operations	May 25	35
Niagara's opportunities for future growth (map & table)	Mar. 16	33
Reynolds Metals still seeking site for research-office building	May 18	20
Reynolds request for annexation approved by Louisville, Ky.	May 25	26
Rural offices favored	May 25	42
South Carolina about to become an aluminum-producing state (map)	Feb. 2	24
Southern states lure for new industry - tax abatements, loans highlight state-by-state checklist (table)	June 22	47
West Virginia — Kaiser joins in building a new city for a new plant at Ravenswood	Apr. 27	46
Plastics		
Canadian primary plastic industry surges ahead (chart)	Feb. 9	27
Coating for teeth	Feb. 2	49
Container law suits — patents and safety	Feb. 16	32
Dry, granular polyester molding powder	Feb. 16	18
Great Britain third-ranking exporter of plastics in 1956	May 18	9
Luggage industry — plastics succeed (chart)	Feb. 16	43
Nylon plastic gets its second wind (charts & table)	Apr. 6	21

Polycarbonate, DO 202, offered as foil for electrical insulating purposes	May 25	69	Chemical stock prices are rising (chart)	May 11	21	Research		
Polycarbonate plastics (tables)	Apr. 6	96	Fair trade price maintenance laws - bill to be put before Congress in 1958 (table)	Apr. 20	62	Acrylonitrile treatment vies with cyanoethylation for cotton rot-proofing duties (charts)	Mar. 16	112
Polyester sheet reinforced with glass fiber, flameproof building material	May 11	81	Good Faith price bill stirs a fracas	Mar. 23	21	Aerosol research at Barr & Co.	Apr. 6	130
Production 1956	Jan. 12	68	"Good faith" pricing bill backers losing heart	Apr. 13	17	Aluminum pastes and powders for use as pigments in plastics, etc. research begun	Feb. 16	80
Rochester chemist continuing drive against misuse of plastics	Mar. 2	28	Milwaukee price probe	Mar. 9	23	Angiotensin synthesis	May 18	92
Ultraviolet absorbers give up to five years' protection from the sun	May 4	40	NAPA meeting hears about price and supply trends for nonferrous metals	June 15	108	Anthrax research venture by P&R	Feb. 23	70
U.S. output 1953-1956 (tables)	Apr. 6	113	Salk vaccine manufacturers face investigation on price-fixing charges	Mar. 2	21	Basic research emphasized by Perkin metal winner Seaborg	Jan. 26	72
Correction B.J.C. van der Hoeven	May 11	12	Titanium prices are coming down	Apr. 13	27	Bell Labs turns up new crystal for electronic applications	June 15	138
U.S.S.R. pools plastics	June 1	26	Vitamin prices are tumbling (chart & tables)	Feb. 9	75	Better use of laboratory technicians may ease pressure on professional researchers	Feb. 2	40
Use-pattern for reinforced plastics (chart)	Apr. 13	44	Zone pricing clarified	Mar. 9	21	Biphenyl is getting reputation for causing cancer, search is on for new fungicides for citrus fruit	Mar. 16	74
Vinyls pace French plastics climb (chart)	May 18	28	Public Relations	Mar. 30	32	Boron research partnership	Apr. 13	75
Plating - Titanium carbide on steel by new method	May 25	69	Auto owners' damage claims after fertilizer fire well handled by Allied	Mar. 30	34	Bring research lab back to the plant	Mar. 30	48
Plywood - Import plight	June 15	65	Gallery Chemical invited townspeople of Muskogee, Okla., to attend ground breaking ceremonies of new plant	Mar. 30	34	Britain spending more of gross national product on research and development than U.S.	Mar. 9	92
Poland	June 8	96	Canadian chemical societies joint "industry popularization" program	Mar. 23	38	Building a better heat barrier	Jan. 12	52
Cosmetics in the red	Apr. 13	52	Different techniques for reporting 1956 earnings	Mar. 30	34	Canada's research increases but manpower shortages may hamper further expansion potential	Feb. 16	88
Heavy chemical production lags	Apr. 13	52	How industry tells its story - Chemical Progress Week plans	Mar. 9	94	Cancer chemotherapy crash research moves a step ahead	May 18	84
Poliomyelitis			Illinois Manufacturing Chemists Assn. poll uncovers some new-product ideas	May 18	72	Cancer chemotherapy crash research programs calling for federal subsidy	Apr. 6	104
Chicago's health dept. will borrow Salk vaccine	Mar. 23	17	Medical comic book distributed by Olin Mathieson's Squibb Div.	June 15	72	Carotene synthesis (table)	June 29	72
Chicks may replace monkeys in testing Salk vaccine potency	Apr. 27	82	Michigan process plants convert local critics	May 18	36	Clark Microanalytical Labs will train chemists, place them with its customers	Jan. 5	34
Milwaukee price probe of Salk vaccine	Mar. 9	23	Chas. Pfizer & Co.'s microscopic tour for students	Mar. 16	42	Coal chemical materials in combating the marine borer	June 8	72
Polio vaccine piling up	Jan. 19	82	Technical service by mail	Apr. 20	116	Computer scale-down	June 23	68
Quadruple vaccine from Connaught Labs	June 29	62	Puerto Rico - Petrochemicals - fastest-growing industry	Feb. 16	23	Counterflow regeneration process improves quality of deionized water	May 18	118
Salk reserves dip as demand grows	Mar. 23	24	Pulp	Apr. 27	106	Crash research has its pros and cons	Feb. 23	58
Salk vaccine manufacturers face investigation on price-fixing charges	Mar. 2	21	Chemical needs of the Northwest pulp and paper industry (map & table)	Mar. 2	13	Crash research program to uncover chemical cures for cancer is possible with government grants	Mar. 30	55
Polishes			Pulp-paper industry bets on more growth	June 29	44	Diamond Alkali and Ionics, Inc. team up to form research partnership	Feb. 16	80
Klear, polymer-based floor polish	Jan. 12	80	Pumps - CPI spent \$54 million in direct purchases (chart)	Mar. 9	126	Diborane - new process by German inventors Koester and Ziegler	May 25	48
Shoe polishes are an \$80-85 million/year business	Apr. 20	66	Purchasing	Mar. 30	58	Extender and stabilizer for butadiene styrene rubber	Apr. 6	102
Polycaprolactam - Nylon 6 - increasing domestic availability (charts & table)	Apr. 6	21	Backdoor selling - why salesmen bypass the purchasing agent	June 22	78	Federal subsidies to help find cancer cures	Apr. 13	43
Polycarbonates			Buyer's choice: Service with a payoff	Feb. 2	72	Fibers - Feeding raw sulfur to sheep prevents shrinkage of wool	June 29	62
Crystallization	June 29	61	Hospitals buy almost \$1 million worth of specialties each day	June 15	107	Florida state appropriates \$5.2 million for nuclear development and research	June 8	61
Eastman is concentrating on crystalline polymers in an effort to uncover a film- or fiber-forming polymer	May 11	81	Lawyers on the purchasing team	May 11	30	Fluorine compounds researched for high-temperature resistance at U. of Florida	May 11	84
Nail-hard plastic drives for tough jobs (table)	Apr. 6	96	Purchasers count an indictment	Feb. 23	90	Fluorochemical results from England	Mar. 30	55
Plastic, named DO 202, offered as foil for electrical insulating purposes	May 25	69	Railroads streamline their purchasing procedures	Jan. 19	28	Free-radical research progress	May 4	63
Titanium catalyst is key to process developed by Eastman Kodak	June 1	57	Salesmen rate purchasing agents, tell how to improve relationship (charts)	Apr. 27	81	Fuel-element research goes critical	Apr. 13	63
Word of big activities trickling through from Germany	Mar. 30	55	Sales-purchasing relationship program for NAPA meeting in Atlantic City	June 1	75	Fungicide to combat oak wilt disease	June 1	55
Polyesters - Use-pattern for reinforced plastics (chart)	Apr. 13	44	Pyrethrum - U.S., leading buyer, last year purchased 68% of African supply (chart)	Feb. 16	108	Cages will pass through glass, but not through high-alumina ceramics	June 1	58
Polyethers - In cheaper polyethers, an edge on polyesters	Jan. 26	72	Pyrites - Flotation process to separate pyritic materials from tailing	Apr. 27	81	GE's research turns up permanent magnets from iron dust	Jan. 12	50
Polyethylene			Pyroceram - Crystalline glass	June 1	75	GE researchers develop cubic boron nitride, a material hard as diamond	Feb. 23	64
Allied's low-pressure polyethylene project	Mar. 2	55	Pyzel cement process Jan. 12-61	Feb. 16	108	Get the most from research manpower, small firm's recipe for upping productivity	Apr. 20	138
Bakelite polyethylene film for furniture protection	May 25	74	Quercetin - Active ingredient in vitamin P, made from Douglas fir	Jan. 19	77	Glycerine - composition and structure of complex natural glycerides	Feb. 2	42
Celanese becomes second low-pressure producer	Feb. 16	102	Quinine - University of Wisconsin workers have discovered a new quinine that acts as a link in the electron transfer chain within the body	Apr. 20	96	Government spending for research and development in 1957 (chart)	Jan. 5	28
Ethylene-polyethylene developments in California	May 4	18	Rack jobber - Supermarket "super" seller in toiletry merchandising	June 15	41	Gulf Oil Corp.'s new laboratories at Har-marville, Pa., probing the applicability of radiation to refining	June 15	140
High-pressure units under construction in England	Mar. 16	18	Radiation	May 18	109	Hercules' new information center highlights chemical company efforts to gain business-useful information	May 18	78
Irradiated polyethylene	Jan. 5	38	Amino acids synthesized from ammonium carbonate by exposing the latter to irradiation	June 1	76	High Voltage unveils new production testing, and research facility for radiation machines	Mar. 16	123
Linear polyethylene push (tables)	Apr. 20	126	Chemical to combat radiation effects on humans?	May 4	42	Hormone function destroyed without removing the gland	May 11	82
Low pressure polyethylene is starting to go commercial	Jan. 26	82	Hilac, heavy-ion linear accelerator to help researchers probe radiation fundamentals	Apr. 27	82	"Hot" cells, part of atomic research facility	June 8	70
Low-pressure polyethylene plastics will be produced by Allied	Feb. 2	22	Linear electron accelerator for rent	May 27	74	Hot-lab technicians get special training at AEC's Bettis plant	Apr. 27	88
Man-made ponds	Jan. 26	84	Radicals - Progress in free-radical research	May 4	63	Hungarian researcher delights in new job at Princeton University's Forrestal Research Center	June 15	132
Plastic bottles to be made at South Ruislip, England, plant	Mar. 9	104	Radioactivity	May 11	18	Krishell Lab.'s research and production of rare chemicals	Jan. 19	58
Self-sterilizing bottles	Jan. 26	56	Household detergents and waterless cleaners provide the best way to remove radioactive decontamination	June 1	24	Land and water conservation - chemical makers promoting agricultural aid for the purpose of minimizing drought effects	Feb. 2	23
Ziegler polymerization gets its full-scale U.S. test	June 29	28	Kellogg's difficulties with radioactive contamination at South Houston, Tex.	June 15	102	Link between fats and heart disease under probe	Mar. 23	58
Polyolefins			Pressure-suited to cope with radiation hazards	May 11	30	Markets research analyst - how his salary, education and background shape up (tables)	June 29	48
Catalyst for Phillips process licensees supplied by Davison	Apr. 27	81	Railroads - Purchasing procedures streamlined	June 15	115	NBS research on free radicals turns up novel ozone process	Mar. 2	46
Olefin polymerization - Australian patent	Apr. 27	81	Rating chart - Measure your next capital project against a profitability yardstick - report Bates & Weaver (tables)	June 15	115	National Industrial Research Conference - meeting at Chicago with "Research for Profit" as its theme	May 11	86
Polyols - Trimethylol phenol - newcomer has big future in coatings, adhesives, resins	June 1	75	Records management - Paperwork control can save you plenty - report R.A. Shiff	May 18	46	Natural penicillin synthesis	Mar. 16	97
Polyurethane						Nedons made more visible to photographic film	Feb. 9	90
Molding resins far from commercial stage	Feb. 16	18				Nylon substitute for branched human aorta	Feb. 16	94
Polyether booster as cheaper starting materials for polyurethane foam	Jan. 26	72				Odor counteraction - encephalography research	Jan. 26	58
Polyvinyl chloride - PVC package plant design includes sanitary piping	Mar. 2	40				Parke, Davis launches worldwide soil collection plan to find new antibiotics	Feb. 16	90
Potash - Fertilizer makers get new supply	Mar. 9	112				Penicillin V synthesis by MIT researchers	Mar. 23	65
Power								
Electric power's still short in Pacific Northwest	Mar. 2	10						
New York State will okay contract that will give Reynolds St. Lawrence power	Feb. 23	25						
Niagara Falls chemical firms' expansion plans are hazy	June 15	17						
Nuclear power's prospects - thorium slate for a prominent supporting role	Apr. 27	94						
Proposed rate boost in the Buffalo-Niagara Falls area	Jan. 12	17						
St. Lawrence Seaway power contracts protested	Jan. 5	23						
U.S. and British reactors vie for favor of world's power hungry areas	May 25	58						
Prednisone - Prednisone or prednisolone by fermentation with a Protaminobacter organism	Jan. 26	79						
Prices								
Arkansas industrial gas users may pay higher prices now that "fair field" pricing is legal	Mar. 23	23						
Arkansas passes two bills to legalize "fair field" gas prices	Mar. 9	17						

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Shipping

Cobalt irradiated at Brookhaven encased in a 3-ton lead pig	May	11	82
Dock and tug strike hurt cargo movement but caused no pinch on chemicals	Feb.	23	92
Higher railroad freight rates approved by ICC have set pace for more to come	Jan.	5	58
Inland water shipments increase (chart)	June	15	58
Louisiana methanol goes west by sea	June	1	82
Mississippi River - ice delays barging lowers water level	Feb.	9	106
N.Y. dockworkers strike	Feb.	16	17
Nylon tubes for shipping oil	Feb.	9	102
Ocean freight rates up due to Suez crisis	Jan.	5	56
Olin Mathieson readies new distribution terminal	Mar.	9	128
Plans advanced for new 18,000-ton chemical tanker	Apr.	13	112
Texas chemical firms will benefit from new \$12-million Houston port project	Mar.	16	38
UN gets report on labeling hazardous chemicals, ILO proposals differ	Jan.	19	44
United Nations will try to reconcile world agency split on chemical hazard labels	Mar.	2	34
West Coast's first liquid petrochemical marine terminal	June	8	38
Wheelless piggybacking newest idea in transporting trailers on flat cars	Apr.	20	118
Shoe polishes are an \$80-\$85 million year business	Apr.	20	66
Shoes - Synthetic shoe sales step upward (chart)	Jan.	12	28
Silicides - Electrolytic deposition of metal-silicides	June	15	90
Silicones - Syl-Kem 21	June	8	61
Sisal - Steroids from sisal - Latin America's bid for the hormone business	Apr.	20	41
Soap			
Antitrust case - Supreme Court agrees to hear arguments on dismissal of monopoly charges	Mar.	9	100
Lever Bros Ltd dominance of Ceylon's market protested	Apr.	6	128
Sales are on the upswing (table)	June	15	102
Sales in 1956 (table)	Mar.	16	104
Soapmakers meeting highlights new wash-day trends	Feb.	9	67
Water-softening equipment makers sell soap	May	25	99
Society of Chemical Industry - American Section Chemical Industry Medal for 1957 to C. R. Rassweiler	Mar.	2	29
Sodium borohydride - used in making high-energy fuels	Apr.	20	95
Sodium bromate - Beauty builds a business	Apr.	8	92
Sodium Reactor Experiment - Produced sustained nuclear chain reaction	May	11	82
Sodium silicofluoride - Production rises, fluoridation draws off nearly 50% (chart)	Feb.	2	27
Softening agents - Fabric-softening agent injected into washer to condition rinse water	Jan.	19	100
Steroids			
Barbasco roots will be raised in Puerto Rico	Jan.	5	18
Sisal new commercial source of steroid hormones	Apr.	20	41
U.S. producers finding it easier to operate in Mexico	Mar.	2	21
Storage - Underground storage of chemicals (table)	Mar.	23	84
Styrene			
New styrene extracts ethylbenzene	Apr.	6	91
200-ft.-tall fractionating columns - Corden's key to low-investment styrene process	Apr.	13	36
Sugar			
Novel liquidizer eases materials handling problems	Mar.	2	42
Sucrodet D-600, first commercial production of a surfactant from sugar	Apr.	20	18
Sugar-based chemical octakis sucrose, tradenamed Hyprose SP80	June	1	75
Wine from sugar process	June	29	36
Sulfates - Bacterial reduction of sulfates considered by the English	Feb.	9	86
Sulfide - Australian fluidized processing technique for copper recovery	June	29	38
Sulfite - Lignosulfates to combat frost heave of roads	June	22	84
Sulfite liquor - Roadbinder material - Wisconsin pulp mills fell short of anticipation in 1956	Jan.	26	86
Sulfur - Mexican Gulf abandons San Cristobal operation	Apr.	27	37
Sulfuric - Canadian consumption reflects booming expansion (chart)	Apr.	27	44
Sulfuric acid - Consumption shows steady growth (table)	Mar.	30	64
Superphosphate - Triple superphosphate's excess capacity doesn't worry producers (chart & table)	May	4	66
Tanning			
Tanning - Oak bark helps tanner streamline ancient art	Jan.	12	54
Target Feb 2-49, Mar 16-65	June	1	55
Tariffs			
Antidumping Act proposed changes fight looms	Feb.	16	32
Canadian tariff rate changes will pinch U.S. chemical producers (table)	Feb.	2	32

Chemical firms are joining a new tariff protection drive

European common market and proposed free-trade zone and its effect on U.S. chemical producers	Apr.	20	57
New approach to U.S. trade policy being sought by "free traders"	Apr.	20	120
Outcome of fight to renew reciprocal trade act may decide whether the U.S. will turn toward protectionism or to free trade via international cooperation	Apr.	27	43
Parathion duty	Apr.	27	43
SOCMA task forces seek to prove need for better data on imports, production of PAS and caffeine (table)	June	8	55
	Jan.	26	31

Taxation

Administration will insist on continued fast amortization for research and development	May	25	31
Alcohol tax evasion case	June	22	52
Baltimore's new tax on manufacturing inventories clears first hurdle	Mar.	9	17
Chemical companies' earnings would have looked different if the corporate income tax law being proposed by Sen. Fulbright had been in effect (table)	Mar.	16	20
Chemical industry invited to recommend changes in useful life assigned to plant buildings and equipment	Mar.	2	21
Corporate tax relief	Jan.	12	33
Fast tax write-off certificates seem near for glycerine plants	Apr.	6	18
Fast tax write-offs for new liquid oxygen and nitrogen transportation equipment	Apr.	6	24
Fast tax write-offs to liquid oxygen and liquid nitrogen plants	Mar.	16	23
Fast write-offs controversial of late	Mar.	30	16
Glycerine write-off Mar. 16-17	June	8	43
Hopes for more liberal depreciation schedule rises, but emergency-born fast tax-writeoffs may well go by the board	May	18	20
Impact of Byrd's bill is uncertain	May	11	27
Investigation into tax benefits on overseas operations of U.S. oil companies	Apr.	27	43
Little chance of more write-offs	June	8	43
Outlook - no cuts this year, but some relief in 1958	Jan.	26	21
Patent buying or selling - some tax pitfalls to avoid	Feb.	16	30
Rapid tax write-offs for chemical expansions are threatened	May	11	27
Smith-Douglas tax-carryover plans for Texas City Chemicals disapproved by Internal Revenue Service	Feb.	16	17
State corporation tax laws are being changed by legislators (table)	May	11	48
State groups ponder new laws	Jan.	12	21
Steel and coal-chemical expansion get no tax aid	Jan.	5	21
Tax ruling clears consolidation of Indiana Standard Oil's chemical units	Feb.	9	33
Texas senate considering gathering tax refund	June	8	55
27 1/2% depletion allowance on oil - should it be extended to asphaltic material, gilsonite and oil shales?	May	18	10
U.S. and Canadian Supreme Court decisions shed new light on mergers and anti-trust activity	June	8	22
Teflon - Perfluorocarbon resin, tagged 100-X	June	8	18
Telephone system market - Seven steps sell	Mar.	2	64
Television - "Ticker Tape" on TV	June	8	50
Temperatures - Million degrees temperature recorded	Mar.	23	68
Tennessee Valley Authority - Fertilizer output for its last fiscal year	Jan.	19	82
Terpene - Teamwork is key to process used in new terpene chemicals plant	June	1	62

Texas

Floods curtailed some chemical production	May	11	23
Floods speeded state legislative approval of a \$200-million water aid program	June	8	17
Still room for growth on Houston Channel (map)	June	8	46
Texas City - New life from Texas City's ashes	Apr.	20	33

Textiles

Acrylonitrile and iron make a stronger cotton (charts)	Mar.	16	112
Clothing fresheners	Mar.	23	44
New technique for treating cotton with acrylonitrile	Feb.	16	80
Noncellulosic synthetic fiber capacity is growing (tables)	Apr.	20	126
Orlon and Acrilan finish, UT-Formula	Feb.	9	72
Synthetic felts	May	11	88

Thorium

W. R. Grace will make thorium for commercial sale alone	Mar.	30	21
Role in nuclear power's prospects	Apr.	27	94
Tetraiodide dissociation for making super-pure metal	June	29	61
Time clocks - Chemical plants doing away with time clocks	Jan.	5	50
Tin - Texas City tin smelter partially converting to tungsten manufacturing	Jan.	12	23

Titanium

Allied Chemical's new venture - Allied-Kennecott Titanium Corp.	Mar.	9	22
Atomic "eye" positions ingots	May	11	74
First official report on Hungarian production from red mud	June	1	76
Heated for its biggest year (table)	Jan.	19	80
Stauffer's metallic titanium process	Mar.	16	97

Stauffer's titanium process advanced to pilot stage	Feb.	2	65
Titanium carbide on steel by new plating method	May	25	69
Titanium sponge makers	Apr.	13	34
Titanium trichloride has potential use as a catalyst	Jan.	19	77
Where do we stand on titanium equipment?	Apr.	13	27
Who fabricates titanium	Apr.	13	32
Titanium dioxide - Du Pont to up pigment output with New Johnsonville, Tenn. plant	Feb.	16	17

Toiletry

Rack jobber is proving he can be super-market "super" seller	June	15	41
Sales are flourishing (chart)	June	1	30
Tolbutamide - "oral insulin"	Mar.	2	52
Toluamide - Off to a flying start	May	11	66
Trade Associations - Pros and cons for specific chemical commodities	Mar.	23	29

Trademarks

Chemical companies figure strongly in the increase in annual registrations (chart)	Feb.	2	28
New trademarks as companies seek better public identification of their products	Apr.	13	108
Systox vs Systoban - Trademark infringement suit filed	Apr.	20	104
Trailers - National Mobile Home Show in New York's Coliseum - tolling market for chemical products	Mar.	23	70

Training

AMA "war" game - two years of policy-making practice compressed into one day	May	18	30
Companies disagree on details of technical manpower and recruiting problems, but recommend similar long-range remedies	Mar.	16	82
Diamond Alkali's engineering experience technical training program	May	4	91
Du Pont's lesson-plan maintenance training helps gear maintenance for automation (chart & table)	June	29	64
Field sales supervision	June	8	34
Management-training-for-engineers program underway at Radio Corp. of America (charts)	June	1	96
Managerial and administrative training offered in schools and seminars	Apr.	13	56
Monsanto Chemical's management school gives intensive training	Apr.	13	47
Pitman-Moore's sales training will be centralized	Apr.	13	114
Reichhold helps train manager for Filipino plant	June	15	61
Trimethylol phenol is the newest polyol	June	1	75

Trucks

Chemical trucking in Texas will become less restrictive if ICC gives the nod	June	8	38
Truck trailer loads itself	Mar.	16	60

Tungsten

Field tests on self-reducing tungsten for use in alloying	June	8	62
Wah Chang will partially convert Texas Tin to manufacture tungsten	Jan.	12	23
Turbines - Introducing air into hydroelectric power turbines	June	8	62

U

Ultraviolet - Absorbers give plastics up to five years' protection from the sun	May	4	40
Underground storage of chemicals (table)	Mar.	23	84
United Nations, N.Y. - SEC ponders hazardous-chemical labeling recommendations	Jan.	19	44

U.S. Air Force

Electronic data processing machine helps determine job assignment	June	22	52
Missile Test Center has liquid oxygen plant and plans a bigger one to keep up with the stepped-up missiles program	Feb.	2	65
U.S. Army Chemical Corps - MCA presents award	Jan.	5	17

U.S. Bureau of Mines

Grand Forks, N.D. station's pilot production of synthesis gas from lignite (table)	Jan.	19	70
Intermountain Experiment Station developed liquid solvent extraction process for uranium	Mar.	30	73

U.S. Dept. of Agriculture

Denies danger in anti-gypsy-moth program	May	1810,64	
Insecticides to combat cattle grubs tested	Feb.	9	86
U.S. Dept. of Health, Education and Welfare - Food additives bill may soon be presented to Congress	Feb.	23	18
U.S. Public Health Service - Congress' economy drive - House approved 50% boost in funds for water pollution (table)	Apr.	20	34

Uranium

AEC project in N.M. Ambrosia to go ahead Canada's bid for the big slice of uranium business	Jan.	5	17
Employee-owners profit by pioneering	May	25	85
Solvent-leaching of uranium ore	Jan.	26	98
Time to turn the atom to profit - report R.E. Vener (charts & tables) uranium in the nuclear industry - from ore to energy	Mar.	9	74
Two extraction methods to get semi-works production tryouts	Mar.	30	73

Buying \$10 million worth of Columbian Cellulose's 5 1/2% cumulative preferred shares	Jan. 26	25	Second chlorine gas suit	Mar. 30	34	Teams up with Ionics, Inc. to form research partnership	Feb. 16	80
Columbian Carbon and Celanese together will make carbon black in Brazil	Apr. 6	18	Texas court ruled firm liable for chlorine gas damage	Mar. 16	40	Vinyl chloride monomer unit at Deer Park, Tex. will have 50-million lbs./year capacity	Mar. 9	18
Low-pressure polyethylene production at Pasadena, Tex.	Jan. 26	82	\$2 million caustic-chlorine plant at Lake Charles, La.	Feb. 2	21	Diamond Crystal Salt Co. - agreed to purchase the Jefferson Island Salt Co.	Jan. 26	25
Technical director's view of crash research	Feb. 23	58	Will be equal owner with National Research of Metals Corp.	Feb. 23	17	Diamond Match Co. - plans to diversify into a new line of products by merging with Gardner Board and Carton Co.	Mar. 23	26
Water-thinned latex paint with high gloss developed	May 25	70	Columbian Carbon - will make carbon black in Brazil together with Celanese	Apr. 6	18	Dingwall, T.F. Ltd. - packaging of glass goods - "open" method	Mar. 16	59
Celanese Mexicana - celebrates 10th year in Mexico	Apr. 13	13	Commercial Solvents - merger with Thermochemical Carbon	Apr. 13	18	Dixie Cup Co. - American Can Co. and Dixie plan to merge	May 11	25
Started formaldehyde and synthetic resin plant near Mexico City	Jan. 19	17	Started million-dollar arbitration proceeding against Chemical Enterprises	Apr. 6	89	Dobackum - merger with Dow discussed - price of stock soars	June 22	18
Central Farmers Fertilizer Co. - phosphorous furnace design lawsuit	June 22	18	Starts tanker shipment of methanol to West Coast	June 1	82	Dole Hawaiian Pineapple Co., Ltd. - Takamine Laboratory to market bromelin	Feb. 16	79
Central Hudson Gas & Electric Corp. - President Ernest Acker attests financial soundness of PRDC before AEC	Jan. 19	22	Connaught Labs - Canadian firm will make flu vaccine and quadruple vaccine against polio	June 29	62	Dominion Rubber Co. - Naugatuck Chemicals Div. planning polyester resins plant near Elmira, Ont.	Mar. 16	24
Cerro de Pasco Corp. - Peruvian metallurgical firm plans to acquire Lewin-Mathies Co.	June 29	26	Consolidated American Industries - bankruptcy suit	June 1	98	Dominion Tar & Chemical Co. - offered to acquire stock of Howard Smith Paper Mills, Ltd.	June 8	24
Champion Paper & Fiber Co. - chemical recovery smelter and precipitator will be added to Pasadena, Calif. plant	Apr. 27	39	Consolidated Molded Products - O'Connell on sprawling plastics industry at CCDA meeting	Apr. 6	113	Don Selby Associates - urethane foam machines	June 15	10
Chapman Chemical Co. - asphalt additive license holder	May 4	54	Consolidated Water Power & Paper Co. - experimental plant to recover sodium and sulfur values	June 22	68	Donner-Hanna Coke Corp. - industry-community antipollution agreement to clean up the Buffalo River	May 4	86
Chemagro Corp. - 50% of the voting stock owned by Bayer	Apr. 27	38	Continental Filling Corp. - how production job on hot, new aerosol product was handled	Jan. 5	60	Douglas Holt Ltd. - firegum, exhaust system seal introduced	Feb. 23	52
Offices, laboratory and plant under construction in Kansas City	Feb. 23	31	Continental Ore Co. - vanadium suits	June 15	37	Dow Chemical Co. - Australian patent application for polybenzoyl resorcinol compound for ultraviolet absorption	May 4	40
Trademark infringement suit against Chemical Formulators	Apr. 20	104	Cooper-Bessemer Corp. - damages for widow Corn Products Refining Co. - acquired	Apr. 6	61	Benzene bound for use in Dow's Midland production goes up in flame in freezing weather	Jan. 26	25
Chemical Enterprises - long-term loan from Dow Chemical - better times ahead	Apr. 6	89	Refined Syrups & Sugars Inc. - eliminating time clocks	Mar. 23	26	Calcium chloride producer accused of price fixing	Jan. 19	17
Chemical & Fertilizer Ltd. - Israel is self-sufficient in fertilizer	Apr. 6	116	New corporate symbol	Jan. 5	50	Capacity to turn out 1,800 tons of titanium sponge	Jan. 19	80
Chemical Formulators - trademark infringement suit	Apr. 20	104	Shares of stock in place of gold watch sold all its holdings in Commercial Solvents Corp. to Lehman Bros.	Apr. 6	66	ET-57, promising insecticide to combat cattle grubs	Mar. 2	50
Chemical & Industrial Corp. - merger with Cloray dropped	Apr. 13	18	Corning Glass Works - Pyroceram, new crystalline glass June 1-75	Jan. 19	24	Faith in the building industry as a plastic consumer	May 4	18
Chemical Salt Production - merged with Stansbury Salt Co.	Jan. 19	17	Corwall Chemical Ltd. - building carbon tetrachloride plant	June 8	64	Five-point CPW program	Mar. 9	96
Chemische Fabrik & Feilen AG - chemical recovery plant for sale	June 29	24	Cornwall Chemical Ltd. - dredging rights for mudshell	Jan. 5	24	High bid for Velasco, Tex. magnesium plant	May 11	17
Chemische Werke Huels - acetylene from oil Chemosan-Union AG - Austrian plant for sale	May 18	112	Cosden Petroleum - 200-ft-tall fractionalizing columns - key to low-investment styrene process	May 11	18	Justice Dept's opinion dispelled hope for fast write-offs on new glycerine plant	May 11	27
Chemstrand Corp. - acrilan fiber expansion	June 29	24	Cotter Corp. - will build uranium processing pilot plant at Canon City, Colo.	Apr. 6	91	Lewis Lloyd tells CMRA of chemical products most sensitive to foreign competition	Mar. 23	74
Acrlan problem licked by crash research	Apr. 20	1835	Cowan, R.S. Co. - Janie Spot Cleaner, dry spot remover	Jan. 19	90	Long-term loan to Chemical Enterprises - Merger with Dobackum discussed - price of stock soars	Apr. 6	89
Present displays highlighting engineers to Univ. of Design	Feb. 23	58	Cramet, Inc. - titanium plant in partial operation, full 6,000 ton/year capacity will become operative	Jan. 19	80	New process that increases the strength magnesium alloy extrusions	Feb. 9	86
Purchasing agent pares drafting costs by using equipment vendor's drawings	May 4	91	Crown Zellerbach - FTC orders company to unload its St. Helens acquisitions	June 1	23	Obtained atomic power reactor patents of Constantin Chlowski	Feb. 23	87
Signed up Mitsubishi Rayon Co. to produce acrylic fiber in Japan through Shinko Acrylic Fiber Co.	June 29	17	Mar. 16-22	Mar. 30	73	Paperwork control - case study	May 18	60
Chipman Chemical - midsize naming problem - Tetram 75 will be dropped in favor of Chipman 6399	June 8	17	Will build jointly owned mill with Time Inc. to produce printing paper	Jan. 19	23	President Leland Doan tells MCA that management must show that profits are honorable	June 15	34
Will distribute ICI's Tetram 75 in this country	Apr. 20	60	Crucible Steel - coke-oven expansion will get no government aid	Jan. 5	21	Second glycerine plant at its Freeport, Tex. Div. due onstream next March	Apr. 20	17
Choldum Mfg. Corp. - Magic Remover for new acrylic finishes of automobiles	Feb. 23	52	Culligan Inc. - maker of water softening equipment sells soap	May 25	99	Solvent-leaching of uranium ore	Apr. 20	116
Ciba - animal tranquilizers	Feb. 16	84	Cumberland Corp. - completed wood distillation plant at Burnside, Ky.	June 15	40	Sugar-based chemical, octakis sucrose produced	June 1	75
Production of high-purity rare metals in Switzerland	June 22	67	Furfural project	June 15	89	Surface active agents in uranium extraction process	Mar. 30	73
Cities Service - new laboratory in Cranbury, N.J. gets 3 pounds of irradiated cobalt shipped in a 3-ton lead pig	May 11	82	Cummins-Chicago Corp. - employee files suit against Canadian Titanium & Uranium Corp. for damages	Jan. 19	90	Tax write-offs on glycerine expansion	Apr. 6	18
Clark Microanalytical Laboratory - will train chemists and place them with its customers	Jan. 5	34	Curtis, Helene - move for mass markets	Mar. 16	40	Texas Div. sets up two management boards	Apr. 6	18
Cloray Corp. - will acquire Chemical & Industrial Corp. through an exchange of stock	Feb. 23	25	Cutter Laboratories - paperwork control - case study	Mar. 23	52	Water-based paints for metal ready to go commercial	Feb. 23	44
Merger with Chemical & Industrial Corp. dropped	Apr. 13	18	Salk litigation will serve as a test case	May 18	58	World's largest magnesium extrusion press at Madison, Ill. mill	May 11	78
Clorox Chemical Co. - P&G to buy Clorox? Coastal Chemical Corp. - fertilizer plant construction at Pascagoula, Miss., has begun	May 4	58	Darlington Chemicals Inc. - chest of chemicals duplicates a shipment sent on the original Mayflow	May 25	41	Zefran acrylonitrile-based fiber is not a copolymer	Mar. 23	67
Stock sale proceeds will be used to help build ammonia plant at Pascagoula, Miss.	Mar. 16	24	Dart Drug Corp. - Abbott Laboratories fair trade case	June 8	23	Dow Chemical of Canada - Sarnia, Ont. possible site for anticipated future expansion	June 15	40
Coastal Transmission Corp. - FPC gives the go-ahead to Florida gas pipeline	May 18	24	Davison Chemical - polyolefin catalyst for Phillips process licensees	Feb. 9	36	Dow Corning - moving silicone specialties production from Midland, Mich. to Greensboro, N.C.	June 8	24
Will build Florida's natural gas pipe line from Texas to Mississippi River	Apr. 6	24	Dayton Rubber Co. - merger with Cadillac Plastic & Chemical Co. completed	Apr. 27	81	New silicone, called Syl-Kem 21	June 8	61
Colgate-Palmolive - butane aerosols	Jan. 12	23	Will market \$5 million worth of subordinated convertible debentures	Feb. 9	25	Silastic 916 Mar. 23-68	Mar. 30	43
Charges against three N.C. supermarkets for violating state fair-trade laws by giving trading stamps	May 25	92	Dearborn Chemical Co. - fixed ratio of technicians to professional researchers	Apr. 27	82	Stopped retailing silicone-treated tapes	Mar. 30	12
Heavy-duty dry bleach, Prof	Apr. 20	62	Delta Tank Mfg. Co. - new bulk storage assembly is portable	June 29	26	Dowell, Inc. - polyethylene helps make a pond	Jan. 26	84
Edward Little is again president	May 4	58	Demert & Dougherty - Chicago plant fire	Feb. 2	40	Dryden Paper Co. - will boost production of pulp and paper	Jan. 5	23
New men are filling top managerial spots as company tightens up its domestic sales organization	Mar. 30	21	Denver Research Institute - modified Aspeco process for shale oil pilot plant	Mar. 16	54	Dunlop Rubber Co. - U.K.-based Indian manufacturer to subsidize new planting program assigned to small cultivators	Jan. 5	23
Rearrangement in top-level organization - two separate divisions formed, Household and Toilet Products Divisions	May 11	36	Denver & Rio Grande Western RR - irradiated coal as liquid fuel additive	June 15	18	Du Pont de Nemours, E.I. & Co. - canceled royalty-payment contracts on urethane	Mar. 16	100
Trimmed about 75 people from its research staff	Apr. 27	38	Detroit Edison Co. - claims Allied's salt-mining operations are undermining power plant	May 11	81	Miles Dahlen tells CMRA why U.S. is a good customer for foreign-produced chemicals	Apr. 20	18
Columbia Cellulose - will up production at Price Rupert pulp mill	May 25	19	Devon-Palmer Oils Co. - Shell Oil and Texas Gulf will jointly build and operate sulfur extraction plant in Alberta, Can.	Apr. 27	82	Disposal of GM stock	Mar. 23	74
Columbia Gas System Inc. - common shares offered to stockholders proceeds to finance joint venture with Commercial Solvents and new construction	May 18	24	Diamond Alkali - engineering experience-technical training program	June 1	26	Electric power costs boosted 15% by loss of Schoelkopf power station	June 15	36
Columbia National Corp. - building zinc-cadmium ore-processing plant near Pensacola, Fla.	Apr. 20	35	Guide for recruiters	June 8	24	Expansion planned	June 8	17
Columbia-Southern Chemical Corp. - calcium chloride producer accused of price fixing	May 4	26	New process for desulfurizing iron	May 4	91	Expected an early start of its cellophane unit at Tecumseh, Kan.	May 18	9
Lost its fight for exclusive dredging rights in Nueces Bay, Tex.	Jan. 19	17	New terminal at McKees Rocks, Pa. for perchlorethylene bulk handling	Apr. 6	66	High-pressure polyethylene capacity expansion	June 15	18
	May 11	18	New trademark	Apr. 29	62	Installation to switch to natural gas completed at Belle Works	Feb. 2	66
			Settlement with Deer Park, Tex.	Jan. 5	58	Lesson-plan maintenance training	June 29	64
				Jan. 13	108	Ludox, nonskid chemical being tested on railroad tracks	Apr. 6	92
				Jan. 5	17	Must dispose of GM stock, Supreme Court rules	June 8	20
						New Johnsonville, Tenn. plant to up titanium dioxide pigment output	Feb. 16	17

Newport, Del. plant lays off 100 employees	Apr. 20	17	Evirude Motors - plastic saucer displayed at National Boat Show	Feb. 2	82	Geigy Pharmaceuticals - Preludin, weight reducing drug	Jan. 19	98
NOCAL organizers address employees at four plants	Apr. 6	21	E-Z-Est Products Co. - small firms can test markets too	Jan. 12	74	General American Transportation - The Fuller Co. - Pyzel fluid-bed cement process	Feb. 16	108
Old mill readies for visitors	Mar. 16	23	Fahrbach Chemical Co. - court awards damages against International Industries	Feb. 2	34	New cement process, the Pyzel process	Jan. 12	61
Paperwork control - case study	May 25	26	Fansteel Metallurgical Corp. - research unit and building to produce sintered powder metallurgical products at North Chicago plant	Apr. 20	35	General Aniline & Film - Antara Chemicals' Uvinul, ultraviolet absorber Apr 6-91	May 4	40
Planning cellophane plant near Topeka, Kan.	May 18	56	I.G. Farben - final liquidation closer - payoff for forced labor	Feb. 23	24	Executive incentive plan	Apr. 27	57
Plans for Dacron plant adjacent rayon works in Old Hickory, Tenn.	Mar. 2	17	Farbenfabriken Bayer - breach-of-contract suit vs Sterling	Feb. 23	36	High-pressure acetylene derivatives plant has run into some technological difficulties	Mar. 23	67
Radiation accelerator built for production use	June 8	18	Damage suit against Sterling lost in Costa Rican courts	June 29	55	Ozalid Div. will get sensitized materials plant at La Habra, Calif.	June 15	40
Reading new Teflon resin for production at Parkersburg, W. Va.	Mar. 16	123	Earnings in 1956 soared to postwar record heights	Apr. 27	38	Sale of government stock Jan 12-17, Jan 19-20, Jan 26-17, Feb 23-17, Mar 2-9, Mar 9-18, 22, Mar 16-17, Mar 23-22, Apr 6-49, Apr 20-32, Apr 27-38	June 1	29
Sales director Russell Weigel's talk on plastics at CCDA meeting	June 8	18	First commercial polycarbonate, DO 202	Apr. 27	38	General Dredging Corp. - dredging rights for mudshell	May 11	18
Senate stock study	Apr. 6	113	Polycarbonates crystallization	May 25	69	General Dyestuff - Eulan CN, mothproof	Feb. 23	46
Sulfuric acid plant about due in Cincinnati, O., new installation announced for Detroit area	Jan. 12	22	Polycarbonate research Mar. 30-55, Apr. 6-96	June 29	61	General Dynamics Corp. - General Atomic's Div. to work on control of fusion	May 25	70
Supreme Court decision has given rise to secondary legal actions	Mar. 30	64	Return to American scene	June 1	57	Vice-president criticizes the present nuclear declassification at AMA conference	Feb. 23	76
Textile fibers dept. sole commercial source of Teflon felts	May 15	17	Farbenindustrie-in-Liquidation, I.G. - annual report interested in "full return" alien property bill	June 15	38	General Electric - chemical development department management	Apr. 13	104
3,600 tons/year titanium sponge capacity is being doubled	Jan. 19	80	Farbwerke Hoechst - acetylene from oil - new pyrolysis process	June 1	29	Cubic boron nitride, material as hard as diamond, latest product of research	Feb. 23	64
Time clocks removed	Jan. 5	50	Two novel features in waste-gas stack design	May 18	112	Facilities for radiation research for rent	June 22	74
Titanium dioxide pigment output to be upped with New Johnsonville, Tenn. plant	Feb. 16	17	Farm Chemical Resources Development Corp. - first mining shaft for developing N.M. potash deposits to be drilled	May 18	110	Irradiated polyethylene output boosted	Jan. 5	38
Tynex suit against Kingston Brush Manufacturing Co. United Brush Manufacturers	Jan. 19	34	Farmers Fertilizer Co. - will build a \$13.5-million fertilizer plant north-east of Georgetown, Va.	Feb. 16	25	New magnet composed of ultrafine iron particles	Jan. 12	50
Uni-Jet Air Sampler	May 11	72	Ferro Corp. - acquired American Clay Forming Co.	Apr. 6	26	Polycarbonate plastic, Lexan	Apr. 6	96
View of crash research	Feb. 23	58	Will pay two stock dividends during 1957	Feb. 9	25	Polycarbonate research	June 1	57
Will build sulfuric acid plant near Ecorse, Mich.	Mar. 2	17	Fertl, Inc. - 3F Foliar Spray for home-gardener use	June 8	24	Silicone Products Dept. developed new elastomer	Mar. 30	43
Will close its Arlington, N.J. plant	June 15	18	Soluble plant food combination containing glyberlin introduced	Feb. 9	65	Vallecitos atomic laboratory's "hot" cells	June 8	70
Will convert from 25- to 60-cycle power at its Niagara Falls plant	Feb. 23	88	Fiberboard Paper Products Corp. - plans to build two pulp and paper mills in Calif.	Feb. 2	18	Will add new research lab to its Waterford, N.Y. plant	Mar. 23	26
Will offer experimental and pilot-plant quantities of glycidyl methacrylate	Feb. 9	85	Firestone Tire & Rubber - Coral, new man-made rubber	Mar. 23	26	General Electric Ltd. - research lab developed method of separating foreign particles from lamp black	Mar. 30	56
Xylene Oxidation	Apr. 6	32	40,000 tons/year synthetic rubber plant at Lake Charles, La.	Jan. 5	42	General Mills - amino acids synthesized from ammonium carbonate by exposing the latter to irradiation	May 18	109
Du Pont of Canada Ltd. - earnings in 1956	Apr. 23	38	Free Salk vaccine overseas operations	Feb. 2	21	Considering making Rilsan, nylon 11 Jan 12-61	June 29	61
Industry popularization program	Mar. 23	38	Indian rubber manufacturer to subsidize new planting program assigned to small cultivators	Feb. 9	17	Purchase of Mexican steroid-maker, Prolex	Jan. 5	18
Plans to expand nylon plants in Kingston and Maitland, Ont.	Apr. 13	24	Orange, Tex. \$10-million, 40,000 tons/year butadiene plant, ready to go	Mar. 16	100	General Motors - fixed ratio of technicians to professional researchers	Feb. 2	40
Duquesne Light Co. - nuclear power race with Britain's Calder Hall	May 25	58	Polymerization catalyst system, Australian patent applications	May 4	70	How will Du Pont dispose of its GM stock	June 15	36
Eagle-Picher Co. - acquired all assets of Gora-Lee Corp.	Mar. 23	26	Fluid Chemical - will continue manufacturing and packaging operations for Lever Fluor Corp. - fluidized-bed method being applied to nuclear fuel element problem	June 15	90	Plans to build aluminum casting foundry near Reynolds unit at Roosevelt, N.Y.	Feb. 23	25
Eastman Chemical - custom processing latest gambit	June 15	90	Will do the engineering of AEC's atomic wastes storing project near Arco, Idaho	Apr. 27	22	Supreme Court rules that Du Pont must dispose of GM stock	June 8	20
Eastman Kodak - Agfa, a close second to Kodak in world sales, returns to the U.S. Distillation Products Industries Division's purchasing agent gets shipping and packaging services from suppliers	Apr. 6	124	Food Machinery and Chemical Corp. - named defendant in Idaho pollution damage suit	Apr. 13	75	General Plywood Corp. - new pressure technique for plywood finishing	Mar. 9	38
Fair trade supporter dropped out	Mar. 30	58	Westvaco Div. - caustic dust suit	Apr. 20	35	General Tire & Rubber - Arab boycott	Apr. 6	24
Plans to expand and modernize plants at Kingsport, Tenn., Rochester, N.Y. and Longview, Tex.	Apr. 20	62	Westvaco is contemplating a new sea-water-to-magnesia plant	May 4	86	Georgia-Pacific Alaska Co. - process plants push Alaskan statehood	Feb. 9	34
Polycarbonate patents May 11-81	Feb. 9	25	Westvaco Div. - test drilling for rock salt near St. Marys	June 15	17	Girdler Co. - begun engineering a hydrogen plant for U.S. Steel	Jan. 12	42
Economics Laboratory - move for home markets	Jan. 1	57	Will double capacity of its carbon tetrachloride plant at South Charleston, W. Va. X-Chemical is tri-n-butyl phosphine	June 8	18	Div. of National Cylinder Gas Co. will complete construction of a \$450,000 plant at Louisville, Ky. to increase output of catalysts	Apr. 20	99
Rinse Rite, fabric-softening agent	May 18	62	Food Research Laboratories, Inc. - edible fats studies	May 11	25	Glidden Co. - secured \$20 million for expansion program	Jan. 5	24
Two dishwasher detergents, Electrasol and Finish	Jan. 19	100	Foot Mineral Co. - earnings	Mar. 16	118	Goodrich, B.F. - blueprinting plant in Akron to manufacture adhesives	June 1	27
Eddy Paper Corp. - Weyerhaeuser Timber plans acquisition	Feb. 23	48	Listing stock on New York Stock exchange approved	Feb. 2	17	Rubber tire cured with nuclear radiation	Feb. 23	76
Edna Bay Pure Stone Co. - plans \$5-million limestone processing plant near Vancouver, Wash.	Mar. 2	17	Mining spodumene on the border of the Carolinas	June 29	26	Strike hits one of seven chemical plants	Apr. 6	17
Eleanor Chemical Corp. - PVC package plant design includes sanitary piping	Mar. 23	26	Organized American Lithium Institute together with two other companies	Feb. 2	24	U.S. government files suit to force company to disclose its synthesis of "synthetic natural" rubber	May 18	20
Electric Reduction - will build phosphoric acid plant at Port Maitland, Ont.	Mar. 2	40	Seeking New York Stock Exchange listing for its common stock	Mar. 23	29	Goodrich, B.F. Chemical - organic chemicals plant to be built near Henry, Ill.	Apr. 6	26
Electro Metallurgical - completion of field tests on a new method of tungsten	May 18	24	Foreign Products Corp. - FTC approves order to stop misrepresenting the qualities of Achrom, a sea conditioner	May 11	17	\$2.5-million expansion at Louisville, Ky.	Apr. 20	99
7,000 tons/year titanium plant at full capacity	June 8	62	Foster-Grant - nylon plastic capacity	Apr. 27	56	Goodrich-Gulf - Port Neches, Tex. rubber plant shut down by strikes	Apr. 13	18
Vanadium producer on trial, facing monopoly charges	Jan. 19	80	Freeport Sulphur - Louisiana offshore	Apr. 27	56	Will double synthetic rubber production at Institute, W. Va. plant	Mar. 2	10
Elgin National Watch Co. - miniature nuclear battery to be used in wrist watches	June 1	19	hassle renewed	Mar. 16	40	Grace, W. R. & Co. - Cryovac Div. plant at Lockport, N.Y. will be closed, equipment moved to Toronto	Apr. 20	17
El Paso Natural Gas Co. - completed acquisition of Pacific Northwest Pipeline Corp.	Feb. 9	91	Nickel and cobalt refining plant will be located at Brailwaite, La.	Apr. 6	21	Cryovac Co. Div. vinylidene chloride plant at Simpsonville, S.C. - new addition will double bag capacity	June 1	27
Drawing up plans for crude oil refinery and alkylation plant near Odessa, Tex.	Mar. 23	26	Will build cobalt and nickel plant in Cuba	Apr. 13	75	First privately-owned plant to make raw materials for nuclear reactor fuel elements	Mar. 30	21
Gathering tax refund	June 8	55	Frontier Chemical Co. - purchased a controlling interest in Rare Earths Chemical Co.	Mar. 16	98	Polymer Chemicals Div. ready to hot sales race in high-density polyethylene by opening technical service facilities at Clifton, N.J.	Mar. 23	88
Plans to raise \$45 million by selling 450,000 shares	Mar. 16	24	Fuller, W.P. & Co. - stock offered for sale	Mar. 23	26	Grace Chemical Co. - will take over anhydrous ammonia plant now operated by American Vegetable Oils Corp.	Mar. 16	24
Ellis Canning Co. - spray suit appealed	Apr. 20	104	Furst-McNess Co. - alcohol tax evasion case	June 22	52	Granite City Steel Co. - 70 tons/day oxygen generator will be added to Granite City, Ill. plant complex	Jan. 19	23
Emery Industries - acids and rosin plant jointly with Monsanto in Nitro, W. Va.	Jan. 26	25	Gardner Board and Carton Co. - merger into Diamond Match Co. planned	Mar. 23	26	Great Lakes Carbon Co. - new type of porous carbon, derived from coal, called Nerex	May 25	69
Formed wholly owned Canadian subsidiary, Emery Industries, Ltd.	Apr. 6	26	Garry Laboratories - auto wax for acrylic lacquer-finished automobiles	Feb. 2	54	Great Lakes Steamship Co., Inc. - will be sold to Mutual Life Insurance Co.	May 18	24
Empire Petroleum - sued by Norex for asphalt additive infringement	May 4	54	Gas-loc Corp. - started construction of carbon dioxide plant near Finley, Wash.	May 25	27	Grove Laboratories - purchased outstanding stock of Harrison Products Inc.	Jan. 5	24
Esso Petroleum, Ltd. - will use Dow Chemical's Type B catalyst and process at Fawley, England, butadiene plant	Mar. 9	38	Geigy Chemicals - acquired interest in Aula Chemicals	Apr. 20	35	Guardian Industries - two men build specialties firm from pet idea	June 29	96
Esso Standard Oil - continuing interest in olefin polym. ation	Apr. 27	81	Dacron bleach, Tinopal E. Liquid	June 15	48	Gulf Oil Corp. - boron research partnership formed with Mine Safety Appliances Co.	Apr. 13	75
Free Salk vaccine overseas operations	Feb. 9	17	Milfin FF, permanent mothproof	Feb. 23	56	New laboratories put research of new fuels, lubricants, additives on a push-button basis	June 15	140
Linden plant will deliver ethylene to Hercules' polyethylene plant at Parlin, N.J.	June 29	28						
Ethyl Corp. - calcium process developed - market small for high-price product	Apr. 20	95						
Receives patent on method of making triethyl aluminum	Apr. 13	76						
Tetraethyl lead process unveiled	Apr. 13	76						
Everglades Fertilizer Co. - bag-filling machine patent ruled invalid and not infringed	Feb. 2	34						

Nuclear radiation in fuel research	June	8	62	Illinois Water Treatment Co. - counterflow regeneration process improves quality of deionized water	May	18	118	Nuclear problems created by strict controls presented by W.E. Kelley at AMA conference	Feb.	23	76
Sold its entire holdings in Texas Gulf Sulphur	Apr.	27	39	Imperial Chemical Industries - Holroyd's advice: Bring research back to the plant	Mar.	30	48	Kieckhefer Container Corp. - Weyerhaeuser Timber plans acquisition	Mar.	2	17
Hagan Chemicals & Controls Inc. - acquires Bradford Laboratories Inc.	May	18	24	Overwhelming response to proposed \$112 million loan stock issue	Jan.	19	18	Kiwi Polish Co. - American Div.'s Kiwi, manufacturer of shoe polish	Apr.	20	66
Calgonite and Thax, dishwasher detergents	Feb.	23	48	Rising sales, known profit	May	4	17	Knemark Mfg. - Esquire Lano-Wax, self-shining liquid wax	Apr.	20	66
Harshaw Chemical Co. - paperwork control - case study	May	18	60	Tetran 75 seems ready to go commercial	Apr.	20	60	Kokoku Rayon and Pulp - may offer commercial quantities of polyester fiber by mid-'57	Feb.	23	100
Research on vinyl stabilizers	May	4	40	Industrial Appliances, Ltd. - South Ruislip, England, plant will manufacture polyethylene bottles	Mar.	9	104	Koppers Chemical - Brea Chemicals polyethylene plant in California postponed	Mar.	9	18
Heldenfels Brothers - dredging rights for mudshell	May	11	18	Inflico, Inc. - designed Aero-Accelerators for uranium extraction	Mar.	30	73	Cleared of charges of infringing patents belonging to Otto Construction	May	4	88
Hercules Powder - earnings	Feb.	9	17	Interhandel - GAF's sale Jan 12-17, Jan. 19-20, Jan 26-17, Feb 23-17, Mar 2-9, Mar 9-18, Mar 23-22, Apr 20-32	Apr.	27	38	Earning for 1956 - proposed bill would raise taxes	Mar.	16	20
Henkel process	June	15	89	Intermountain Chemical Co. - will boost production of soda ash at Rock Springs, Wyo, plant	Mar.	9	24	Expansion plans for 1957	Mar.	30	16
Low-pressure polyethylene plant will be completed at Parlin, N.J.	Jan.	26	82	International Business Machines - purchasing automation	Feb.	2	68	Pickle-liquor recovery process	Feb.	2	62
Navadel gets old code number, Hercules 528	June	8	17	International Industries and Developments - court decision in dip-type cleaner case	Feb.	2	34	President Fred Foy tells MCA that union members want to make up their own minds	June	15	34
Navadel, new pesticide-miticide, previous name, Hercules 528	Apr.	20	186	International Latex Corp. - Arab boycott	Apr.	6	24	Two installation for low-pressure polyethylene production on the way	Jan.	26	82
New \$1-million information center	May	11	66	International Minerals & Chemical - Bonnie, Fla. acid plant will increase firm's triple superphosphate capacity	May	4	66	B.J.C. van der Hoven is optimistic of bright future for plastics in large-scale industrial applications	Apr.	6	113
Toluamide (meta-Delphene) off to a flying start	Apr.	6	32	Earnings	Feb.	9	17	Wolman salt wood preservative for ships whose hull must be non-magnetic	Mar.	16	68
Xylene oxidation	June	29	28	Florida fumes suit	June	1	98	Zion Chemicals polyethylene facility, joint venture with Brea	Feb.	23	95
Ziegler polymerization gets full-scale U.S. test	June	15	108	Having trouble supplying Chicago	Mar.	30	11	Kraft Bag Corp. - bag-filling machine patent suit	Feb.	2	34
Hess, Inc. - Leon Hess forecasts increase of fuel oils at NAPA meeting	Apr.	27	39	Lease-back laboratory	Jan.	12	47	Krishell Laboratories - researching rare chemicals	Jan.	19	58
Heyden Newport Chemical Corp. - building a 1-million lbs./year salicylaldehyde plant at Fords, N.J.	Apr.	27	39	Paperwork control - case study	May	18	58				
Catechol plant to be built in Pensacola, Fla.	June	22	40	Purchasing agent gives details of service from supplier	Mar.	30	58				
Centralization move	Apr.	20	106	Will start sinking shaft for new potash mine in Saskatchewan	May	25	27				
Merger of Heyden Chemical and Newport Industries Jan. 12-24	Jan.	19	17	International Nickel - sulfur from sulfur dioxide pilot-plant project	Feb.	2	65				
New trademark	Apr.	13	108	International Salt Co. - fresh-water Great Lakes may provide source of salt	Mar.	2	9				
Partial addition technique for processing alkyl resins	Mar.	16	86	Ionics, Inc. - teams up with Diamond Alkali to form research partnership	Feb.	16	18				
High Voltage Engineering Corp. - facilities for radiation research for rent	June	22	74	Isotopes Inc. - formed new subsidiary, Crystals Inc.	May	11	80				
Largest radiation center	Mar.	16	123								
Hird Chemical Refining Corp. - custom refiners win profitable products from chemical junk	Jan.	19	66	Jefferson Chemical - will take over caustic soda sales of American Cyanamid	June	29	18				
Hitachi Ltd. - designed three-stage pilot unit for heavy-water separation	June	8	61	Jefferson Lake Sulphur Co. - shareholders have voted to increase authorized common shares and right to issue debentures	May	4	26				
Electron microscope, the HU-10 displayed at World Trade Fair by giant Japanese industrial combine	May	4	34	Will start drilling for sour gas in Calgary area of Canada	Mar.	23	17				
Hoffman-LaRoche - beta-carotene certification	June	29	24	Johnson & Johnson - Liquirin, liquid aspirin, test marketed	Jan.	26	54				
Carlene synthesis	Jan.	26	66	Johnson, S.C. & Son - Klear, polymer-based floor polish marketed	Jan.	12	80				
Teamwork is key to process used in new terpene chemicals plant	June	1	62	Will market new insect repellent, Off	Mar.	9	104				
Hollander, A. & Son - merger with Phillips Electronics planned	June	29	26	Kaiser Aluminum & Chemical Corp. - acquired the wire and cable business of U.S. Rubber Co.	Jan.	19	18				
Hollingshead, R.M. Corp. - Universal Chemical Div. line in process of being revised	Feb.	23	52	Will market new insect repellent, Off	Mar.	9	104				
Homestead-Sapin Co. - AEC contract for construction of uranium mill in the Ambrosia Lake area, N.M.	May	11	25	Kaiser Chemical - Nichols, Fla. plant will recover fluosilicic acid from phosphate wastes	Jan.	19	78				
Hooker Electrochemical - drops Oldbury Div. name	Feb.	23	38	Kaiser, Henry J. Co. - will sell bonds to institutional investors	Mar.	9	24				
Durez Div. building dry-granular polyester molding powders plant in North Tonawanda Feb 16-18	Mar.	16	33	Kaiser Industries Corp. - absorbed J.A. McEachern Investment Co. will get control of 45% of Kaiser Aluminum and 39% of Permanente	June	8	24				
Expansion of Columbus, Miss. sodium chlorate plant	Jan.	12	24	Negotiating to acquire McEachern Investment Co.	Apr.	13	24				
Growth is chemical highlight - record of hypothetical \$1,000 investment	May	4	80	Kellogg, M.W. Co. - developed gasification process employed in S. Africa for synthesizing gasoline from lignite	Jan.	19	70				
Management sees no long-range trouble from Niagara power situation	Apr.	13	22	Isotopes get out of hand at South Houston, Tex. plant	June	1	24				
Michigan process plant converts local critics	May	18	36	Paperwork control - case study	May	18	56				
Model City miniature	Apr.	13	108	Polyethylene plants are not affected by sale of Kel-F	Mar.	23	17				
New trademark	May	11	81	Upgrading octane by new Iso-Kel isomerization process	Jan.	19	72				
Pioneered flameproof compounds, Hetron resins	Mar.	9	100	Kennecott Copper - new venture - Allied-Kennecott-Titanium Corp.	Mar.	9	22				
Horizons Incorporated - moving Princeton, N.J. offices to Cleveland	Jan.	19	100	Sulfuric acid plant in Hayden, Ariz. will be operating this year	Mar.	3	64				
Hotpoint Co. - fabric-softening agents injected into washer to condition rinse water	Jan.	19	100	Utah Copper Div. suggestion system placed into effect	Apr.	20	106				
Houdry Process Corp. - nonprofessional researchers	Feb.	2	40	Will build electrolytic copper refinery in the east	June	8	24				
Houillieres du Bassin de Lorraine - catalytic hydrogenation process for refining benzene	Apr.	6	91	Will start pilot-plant a process for recovering sulfur and iron values from tailings in Utah	Apr.	27	81				
Houston Texas Gas & Oil Corp. - FPC gives the go-ahead to Florida gas pipeline	Apr.	6	24	Kernac Nuclear Fuels Corp. - will build uranium processing plant in Ambrosia Lake area of N.M.	May	18	24				
Will build Florida's natural gas pipe line from Mississippi to Miami	Jan.	12	23	Kerr-McGee Oil Industries Inc. - petrochemicals expansion at Wynnewood, Okla. refinery	May	11	25				
Hubbard-Hall Chemical Co. - merger of four fertilizer producers of the Northeast: Apothecaries Hall, Rogers & Hubbard, Woodruff Fertilizer and old Deerfield Fertilizer	Jan.	19	24	Ketchikan Pulp Co. process plants push Alaskan statehood	Feb.	9	34				
Hudson Pulp & Paper - Arab boycott	Apr.	6	24	Walter Kidde Nuclear Laboratories, Inc. - miniature nuclear battery unveiled	Feb.	9	91				
Foilwall bags to enter chemical packaging market	Jan.	29	40								
Humble Oil - Louisiana offshore hassle renewed	Apr.	27	56								
Hydrite Chemical Co. - fluoride bid for Milwaukee investigated by FTC	Mar.	23	36								
Hydrocarbon Research - operates P&R's semicommercial fluidized-bed plant for production of synthesis gas from silt ..	Feb.	23	70								
Idaho Power Co. - tax write-offs on two dams on the Snake River	June	8	43								

Lithium Corp. of America - mining spodumene on the border of the Carolinas	Feb. 2	24	Wins patent infringement suit against William Armstrong Smith Co.	Mar. 9	100	Minimum educational requirement for technicians	Feb. 2	40
Organized American Lithium Institute together with two other companies	Mar. 23	29	Miracle Lustr Corp. - Chicago specialty maker Paryzer starts booming business	May 4	60	Water solution of enzyme trypsin developed	Jan. 12	62
Little, Arthur D. - crash research programs	Feb. 23	58	Missouri Portland Cement Co. - registered shares with SEC	Feb. 23	25	National Gypsum Co. - building permit for Lorain plant, will operate under strict pollution laws	Feb. 9	17
Solar furnaces in chemical research	Feb. 9	88	Mitsubishi Rayon Co. - Chemstrand signed up firm to produce acrylic fiber through Shinko Acrylic Fiber Co.	June 29	17	Seeking zoning changes in Lorain, O.	Jan. 19	23
Solid solvent extraction - uranium	Mar. 30	73	Monsanto Chemical - acrylic-containing Lytron 680 latex-based paint	June 29	18	National Lead Co. - agrees to pay higher price to Arkansas Louisiana Gas for natural gas	Feb. 16	17
Lubrizol - settlement with Deer Park, Tex.	Jan. 5	17	Acrylonitrile expansion at its Texas City plant	Apr. 20	18	New building to Zirconium production complex in Niagara Falls, N.Y.	Jan. 26	25
Lummos Co. - built plants for Wyandotte for commercial applications of Shell's oxidation process	May 25	64	Annual statements in two editions, one heavy on statistics, the other featuring pictures	Mar. 30	34	Nickel project in Cuba	Mar. 16	98
Maas, A.R. Chemical Co. - planning to build phosphoric acid plant in the San Francisco region	Apr. 20	17	Bulk-storage capacity of sulfuric acid in New Haven, Conn.	Jan. 5	58	Titanium Alloy Mfg. Div.'s expansion of facilities at Niagara Falls, N.Y.	Mar. 16	33
Will build a phosphoric acid plant near Richmond, Calif.	May 25	27	Closes its Norfolk, Va. theobromine plant	Jan. 26	31	National Petro-Chemicals Corp. - borrowed \$14 million to repay bank loans and advances from parent companies	Apr. 6	26
Macco Chemical Co. - will acquire all outstanding stock of Gates Engineering and Delaware Valley Steel Works	May 11	25	Computer streamlines production scheduling	Apr. 6	44	USI's Riggio helped develop instrument-engineering into a full-time job	June 8	27
Macy, R.H. & Co. - Bufferin injunction	May 4	86	Consumer stopping production of All and Dishwasher AII?	May 11	17	National Potash Co. - new supply of potash for fertilizer makers	Mar. 9	112
Magnet Cove Barium Corp. - signing a "Three-X" contract with Ark. La. Gas Co. Feb. 2-17	Feb. 9	24	Consumer Product Division is dissolved. Data on first full year of operation following merger with Lion Oil	June 8	23	National Research Corp. - Metals Corp. stock bought by Columbia-Southern	Feb. 23	17
Magnolia Petroleum - may expand into the petrochemical field	May 25	20	Defense Dept. award for cooperation	Jan. 5	17	National Steel Corp. - coke-oven expansion gets no government aid	Jan. 5	21
Magnus Chemical Corp. - selling specialties to railroads	May 11	30	Discontinued its cyanoethylation project at Texas City	Mar. 16	112	National Vulcanized Fibre Co. - asks higher productivity to meet wage increase	May 18	40
Mallory-Sharon Titanium Corp. - plans to form zirconium company with National Distillers	Feb. 9	18	Dishwasher detergent Dishwasher AII Earnings	Feb. 23	48	New British Dominion Oil - appeals Court of Alberta ruled in favor	Mar. 16	18
Manfelder Huettnerkombinat - East German firm recovers selenium from flue gas	June 29	61	Lion Oil wage controversy 1952	Feb. 2	17	Newton Tool & Mfg. Co. - urethane foam machines	June 15	100
Manrose Corp. - revamped process gums shellac for new jobs	May 4	48	Management school in Missouri gives intensive training	Apr. 13	47	Niagara Mohawk Power Co. - application to buy St. Lawrence power pending	Feb. 23	25
Marathon Corp. - turbine-aeration	June 8	62	Henry Moss reports encouraging progress on sewage froth problems at soap group's annual meeting	Feb. 9	67	Rate boost Jan 12-17	June 8	17
Marine Transport Line, Inc. - plans advanced for new 18,000-ton chemical tanker	Apr. 13	112	Nitro explosion's aftermath shows how companies cooperate.	May 11	46	Nichols Chemical Co., Ltd. - will make industrial fine chemicals at Valleyfield, Que.	June 15	18
Marutamaya Ogatsu Fireworks Co. - huge display at opening of Worlds Trade Fair	May 4	34	Oak wilt research	May 1	55	Nielson, A.C. Co. - Vice-president LeVee gives facts and figures on grocery sales of soap and detergents at soap group's annual meeting	Feb. 9	67
Matarazzo, I.R.F. - tightly held complex moves further into chemicals with U.S. companies' know-how	Mar. 2	24	\$124 million for expansion in 1957	Apr. 27	22	North American Aviation, Inc. - Atomics International Div.'s general manager sizes up prospects of nuclear equipment industry at AMA conference	Feb. 23	76
Maywood Chemical Works - lithium producer elected to stay out of American Lithium Institute	Mar. 23	29	Organic Chemicals Div.'s director of sales T.C. Tupper will discuss excessive demands for service at NACA meeting	May 4	38	North American Cyanamid Ltd. - labor union hassle	Mar. 23	17
McEachern Investment Co. - Kaiser Industries Corp. negotiating to acquire company	Apr. 13	24	Plastics Div.'s international refresher course	June 8	58	Urea plant at Hamilton, Ont.	June 22	86
McGraw-Edison Co. - Lectromelt Div. - consumable-electrode vacuum remelting furnace	June 8	61	Purchasers counter an indictment - T.C. Tupper says secrecy and excessive demands are typical	June 15	107	Will build a 300-ton/day time burning plant at Beachville, Ont.	Apr. 20	35
McGuire Terminal Co. - West Coast's first liquid petrochemical marine terminal	June 8	38	Purchasing agent gives details of service from suppliers	Mar. 30	58	North American Refractories Co. - stockholder asks court about legality of corporate voting list	Jan. 19	34
McKesson & Robbins - expanding Pittsburgh sales force, considering tank-farm facilities	Feb. 2	70	Purchasing automation	Feb. 2	68	North American Utility & Construction Corp. - gas-plant route to ethylene	June 22	96
"Fair trade" case is settled	May 25	31	Researching benzophenones as ultraviolet stabilizers	May 4	40	Norton Co. - ceramic fuel pellets	June 22	52
Fluoride bid for Milwaukee investigated by FTC	Mar. 23	36	Suit against former employee violating contract Mar. 23-36, May 25-41	June 22	18	Retiree homecoming day	Feb. 23	25
Mead Corp. - proposed merger with Atlanta Paper to be approved	Jan. 5	24	Texas City plant, damaged in 1947 explosion, now makes twice as much styrene	Apr. 20	33	Norwich Pharmacal Co. - stockholders will be asked to approve split on common stock on a 2-for-1 basis	May 4	54
Mentholum Co., Inc. - charged with "falsely advertising" its products by FTC	Apr. 6	18	Turned over to Lever Bros. the job of marketing All and Dishwasher AII	June 1	19	Nuclear-Chicago Corp. - financial expert E.B. Tilton whips company finances into shape	Jan. 5	22
Merck & Co. - Amuno, mothproofers	Feb. 23	46	Ultraviolet absorber in new stabilizer system for vinyls	Apr. 6	91	Oakite Products Co. - selling specialties to railroads	May 11	30
Merck & Co. - Amuno, mothproofers	Apr. 6	18	Will build a fatty acids and rosin plant in Nitro, W. Va. jointly with Emery Industries	Jan. 26	25	Oesterreichische HAG Werke - Austrian plant for sale	June 29	24
Merck & Co. - Amuno, mothproofers	Feb. 23	46	Will unveil two major expansions of St. Louis plant	May 18	9	Office Temporaries, Inc. - providing temporary office help for industrial clients	Apr. 20	104
Merck & Co. - Amuno, mothproofers	Apr. 6	18	Monsanto Canada Ltd. - will start producing rubber chemicals at Montreal	May 25	27	Oil Shale Corp. - \$500,000 shale oil pilot plant using Aspeco process started	May 11	81
Merck & Co. - Amuno, mothproofers	Feb. 23	46	Monsanto Mexicana - expected to build polyethylene plant in Mexico	Mar. 30	28	Stearns-Roger to test Aspeco process in plant for Oil Shale	Jan. 26	98
Merck & Co. - Amuno, mothproofers	Apr. 6	18	Montecatini - commercial polypropylene production to start	Apr. 27	81	Olin Mathieson - Baltimore, Md. plant will boost calcium hypochlorite capacity	Feb. 23	25
Merck & Co. - Amuno, mothproofers	Feb. 23	46	Fluorocarbon resin bonding in the news	June 8	18	Considering lease-back financing of research lab.	Jan. 12	47
Merck & Co. - Amuno, mothproofers	Apr. 6	18	Location for first U.S. plant not definite. Stock listed on N.Y. Stock Exchange	Mar. 16	17	Diborane process	May 25	48
Merck & Co. - Amuno, mothproofers	Feb. 23	46	Feb. 23-12	Mar. 2	15	First tank car shipment of hydrazine from Lake Charles, La.	Mar. 23	24
Merck & Co. - Amuno, mothproofers	Apr. 6	18	U.S. listing and sale of stock could affect building plans	Jan. 5	18	In favor of new labeling scheme for fertilizer	Jan. 12	42
Merck & Co. - Amuno, mothproofers	Feb. 23	46	Montgomery Explorations Ltd. - will begin producing lithium ore at Bemic Lake	June 1	27	Industrial Chemicals Div. exhibit for employees in its Baltimore headquarters	Apr. 27	57
Merck & Co. - Amuno, mothproofers	Apr. 6	18	Mountaineer Carbon Co. - will build a \$2-million carbon-calcining plant at Cresap, W. Va.	May 4	26	International Division formed - Henry Arnold new head	May 18	9
Merck & Co. - Amuno, mothproofers	Feb. 23	46	Mutual Life insurance Co. - will purchase Great Lakes Steamship Co.	May 18	24	Montreal, Conn. site under consideration for proposed nuclear reactor core assembly plant	June 15	40
Merck & Co. - Amuno, mothproofers	Apr. 6	18	National Aluminate Co. - able to handle technical manpower needs in spite of shortage	Mar. 16	82	Negotiating joint venture in boron fuels with U.S. Borax	June 22	67
Merck & Co. - Amuno, mothproofers	Feb. 23	46	Selling specialties to railroads	May 11	30	New projects on the way in La. and Conn.	June 1	20
Merck & Co. - Amuno, mothproofers	Apr. 6	18	National Carbon-Eveready, S.A. - expected to build polyethylene plant in Mexico	Mar. 30	28	Oak will research	June 1	55
Merck & Co. - Amuno, mothproofers	Feb. 23	46	National Distillers Products Corp. - John E. Bierwirth new chairman of the Federal Reserve Bank	Jan. 12	23	Reacts new distribution terminal at Brunswick, Ga.	Mar. 9	128
Merck & Co. - Amuno, mothproofers	Apr. 6	18	National Distillers and Chemicals Corp. will be the new name if stockholders vote on the change proposal as expected	Feb. 23	18	Research unit at Niagara Falls, more expansion planned	Mar. 16	33
Merck & Co. - Amuno, mothproofers	Feb. 23	46	Plans zirconium company with Mallory-Sharon Titanium Corp.	Feb. 9	18	E. R. Squibb Div. anticancer steroid agent revelation moved stock	June 22	18
Merck & Co. - Amuno, mothproofers	Apr. 6	18	USI's Chemical News 25 years old and still going strong	June 8	36	E. R. Squibb & Sons - anticancer steroid being tested	June 29	72
Merck & Co. - Amuno, mothproofers	Feb. 23	46	USI new phosphoric acid plant - new supply for fertilizer makers	Mar. 9	112	E. R. Squibb Div. distributing medical comic book	June 15	72
Merck & Co. - Amuno, mothproofers	Apr. 6	18	USI's Riggio helped develop instrument engineering into a full-time job	June 8	27	Squibb Div. has dropped its plans to close Brooklyn plant	Mar. 30	11
Merck & Co. - Amuno, mothproofers	Feb. 23	46	U.S.I. studies Australian process for separating zirconium	Feb. 2	58	Squibb, E.R. Div. not for sale	Mar. 2	10
Merck & Co. - Amuno, mothproofers	Apr. 6	18	USI turns out "platelets" with extra refining step in zirconium production	Mar. 2	56	E. R. Squibb & Son Div. working on cancer "cure"	June 22	67
Merck & Co. - Amuno, mothproofers	Feb. 23	46	Feb. 16-79	June 22	38	Tax write-offs on glycerine expansion	Mar. 16-17, Apr. 6-18	June 8
Merck & Co. - Amuno, mothproofers	Apr. 6	18	National Drug Co. - flu vaccine	Mar. 2	56	Teamwork for open-house ceremony at McIntosh Chlorine-caustic plant, Ala.	Apr. 27	52

Sloan-Kettering Institute for Cancer Research - anticancer research - various routes to take	June 29 72	Will continue manufacturing and packaging operations for Lever	Apr. 27 22	Toyo Rayon - negotiating with ICI together with Teikoku Rayon, hope to start pro- duction of Terylene	Feb. 23 100
Hormone function destroyed without re- moving the gland	May 11 82	Sterling Drug Co. - Bayer vs Sterling Victory in Costa Rican courts	Feb. 23 36	Tracerlab, Inc. - decontamination of Kel- logg's radioactive lab at South Houston, Tex.	June 1 24
Smith, Martin H. Co. - Dropsin, liquid aspirin marketed	Jan. 26 54	Sterling Winthrop Research Institute - pur- chasing agent saves since suppliers carry his inventory	June 29 55	Trans-Canada Pipe Lines, Ltd. - pipeline gets go-ahead	Feb. 16 24
Smith-Douglass Co. Inc. - takes over Texas City Chemicals Jan 26-23, Feb. 16-17, Mar 2-16, Mar 9-17	Mar. 23 23	Stinnes, Hugo, Corp. - government-held stock will soon be on the market	Apr. 6 18	Treglown Co. Inc. - firegum, exhaust system seal introduced	Feb. 23 52
Smith, Kline & French - fellowships to theological students who want to be- come chaplains in mental hospitals	June 1 20	Strategic-Udy Metallurgical and Chemical Process - labor election hurdle	Mar. 23 17	Trem Chemical Corp. - acquired by Re-Mark Chemical Co.	Mar. 9 24
Stock will be listed on New York and Philadelphia exchanges	May 25 19	Niagara Falls prototype plant utilizing Udy's process for treating low-grade manganese ore Jan 26-79	Feb. 9 40	Truland Chemical - electronic control sys- tem for new distillation plant	Mar. 23 68
Teamsters Union still active	Mar. 23 23	Sugar Beet Products Co. - waterless cleaner SB-53	Feb. 2 50	Waste reprocessor	Jan. 19 66
Foster D. Snell - training chemists for la- boratories	Jan. 5 34	Sullivan Powdered Metals - research ven- ture to work on development of aluminum pastes and powders for use as pigments in plastics etc.	Feb. 16 80	Union Bag-Camp Paper Corp. - bag-filling machine patent suit	Feb. 2 34
Snia Viscosa - obtained Rilsan license	Jan. 12 61	Sumitomo Chemical - will manufacture "X-54" acrylic fiber jointly with Toyo Spinning	Feb. 23 100	Planning a 600-tons/day paper mill at New Bern, N.C.	Jan. 26 25
Rilsan, polyamide fiber from castor oil exhibit at New York World Trade Fair	May 4 34	Summer Chemical Co. - PA5 production - increasing imports lower price	Jan. 26 31	Union Carbide Corp. - details of plans for new 52-story office building	Feb. 16 22
Societa Edison - Chemstrand licensed Acrlan manufacture to the Italian firm	Apr. 20 18	Sun Chemical Corp. - new management takes over	Feb. 23 24	Earnings Feb. 9-17	Mar. 16 20
Socony Mobil Co. - industry-community anti- pollution agreement to clean up the Buffalo River	May 4 86	Newest acquisition, Bensing Brothers & Deeney, supplier of flexographic ink	June 22 17	Electron Div.'s redesigned vertical line kilns more than triple production	Mar. 16 88
Sonic Engineering Corp. - Minisonic, new emulsifier	June 29 78	Sun Oil Co. - files damage suit against Stavros Niarchos' World Tankers Corp.	Mar. 2 10	Employee-stockholders question manage- ment about labor relations policies	Apr. 27 37
South African Coal, Oil and Gas Corp. Ltd. six oxygen generators turn out 1,800 tons/day	June 15 92	Surpass Petrochemicals Ltd. - building a \$1- million sulfonates plant near Scarborough, Ont.	Apr. 27 39	Expansion plans for 1957	Mar. 30 16
South Mississippi Ammonia Distributors will operate anhydrous ammonia plant taken over by Grace Chemical	Mar. 16 24	Swedish-American Industries - franchising agent for Swedish gas concrete process	June 15 89	Louisville butadiene-from-alcohol plant - fate hangs in the balance... Mar 9-41	Apr. 6 49
Southern Gum Processing Co. - will sell Tifton and Fitzgerald processing plants to Turpentine & Rosin Factors Inc.	Apr. 6 26	Swift & Co. - Technical Products Dept.'s new additive for soft-drink syrups and flavor bases	June 8 94	Name changes approved: Union Carbide Corp., Union Carbide Chemical Co., and Linde Co.	May 4 17
Southern Minerals - exploring possibilities of producing	June 29 18	Sylvania-Corning Nuclear Corp. - will build plant in Hicksville, N.Y. to pro- duce atomic fuel elements for nuclear reactors	May 4 26	New nuclear research center planned	Mar. 2 55
Spencer Chemical Co. - cost of expansion of polyethylene production at Orange, Tex. revealed	May 11 25	Sylvania Electric - lease-back arrangement for lab.	Jan. 12 47	New trademark	Apr. 13 108
Earnings Feb. 9-17	Mar. 16 20	Syntex S.A. - considering construction of plant to convert hecogenin into corti- sone	Apr. 20 96	No time clocks in new plants	Jan. 5 50
Eliminating time clocks	Jan. 5 50	TCF of Canada Ltd. - will double the capa- city of its Cornwall, Ont. plant for mak- ing transparent cellulose packaging film	Apr. 20 35	Ready to grant licenses for Carbide- developed instruments	Jan. 12 62
Headquarters and laboratories in Kansas City	Feb. 23 31	Takamine Laboratory - bromelin to be mar- keted	Feb. 16 79	Readying plants at Seadrift, Tex. and at Institute, W.Va. for low-pressure poly- ethylene production	Jan. 26 82
Health education part of industrial rela- tions program	June 29 52	Techmanix Corp. - uranium extraction at pilot plant at Tucson, Ariz.	Mar. 30 73	Senate stock study	Jan. 12 22
Nylon plastic capacity	Apr. 6 21	Tect, Inc. - Vythene soft remover	Jan. 19 90	Sterling Forest offers new leaseback re- search lab concept	Mar. 9 118
Reorganization by product lines	Feb. 23 38	Tee-Pak Inc. - new acrylonitrile roofing process	Mar. 16 112	Striking workers plan to attend stockholders annual meeting	Apr. 20 17
Urea installation at Vicksburg, Miss.	June 22 86	Tennessee Eastman - purchasing automation Tennessee Gas Transmission Co. - gather- ing tax refund	Feb. 2 68	Tax write-offs on glycerine expansion Mar. 16-17	Apr. 6 18
Will double polyethylene capacity of Orange, Tex. plant	May 4 18	Texaco - nuclear radiation in fuels research will be pushed at Beacon, N.Y.	June 8 55	Union Carbide Nuclear Co.'s compact nu- clear reactor for atomic aircraft	June 15 145
Spencer Kellogg & Sons, Inc. - plans to merge Beacon Milling Co. into firm Apr. 6-26	June 22 40	Texas Butadiene & Chemical Corp. - further expansion into chemical products	June 8 62	Vanadium antitrust trial Jan. 19-17, Feb. 2-18, Feb. 9-22, June 1-19	June 15 37
Standard Oil of California - combined its two chemical subsidiaries Onorite Chemical and California-Spray Chemical into California Chemical Co., Calsoy	May 4 17	Second Hourdy Dehydrogenation butadiene goes into full production	May 4 70	Union Carbide Chemicals - California petro- chemical marine terminal will be used as trans-shipment point	Mar. 23 18
Considering making ethylene by gas de- hydrogenation at Richmond, Cal. refinery	Apr. 20 17	Unique control system at Channel-view plant	June 22 102	Purchasers counter an indictment - E. Fogle weighs shortcomings	June 15 107
Isothalic acid production	June 22 62	Texas City Chemicals - Smith-Douglass he- comes legal owner Jan 26-23, Feb 16-17, Mar 2-16, Mar 9-17	Mar. 23 23	Union Carbide Ore Co. - will build and operate a manganese and chromium ore- processing plant at Warwick, Va.	May 4 26
Merging of two chemical segments into a single firm	May 11 24	Texas Eastern Transmission Corp. - asked FPC to authorize expansion projects	Mar. 30 22	Union Chemical and Materials Corp. - Fron- tier Chemical Div. has purchased a con- trolling interest in Rare Earths Chemical Co.	Mar. 23 26
Paraxylene unit will be built at Richmond, Calif. refinery	June 15 18	Texas Gulf Sulphur Co. - Shell Oil and Devon-Palmer will jointly build and operate sulfur extraction plant in Alberta, Can.	June 8 24	U.S. Tape' on TV	June 8 50
Senate stock study	Jan. 12 22	Started building sulfur mining plant at Fannsee Dome, Tex.	Jan. 19 17	Union Industrial Equipment Corp. - commer- cial exploitation of Du Pont's Uni-Jet Air Sampler	May 11 72
Standard Oil of Ind. - Brownsville, Tex. plant rehabilitated	Mar. 9 91	Sulfur from sulfur dioxide pilot-plant pro- ject	Feb. 2 65	Union Oil Co. - considering merging of Brea Chemicals and R.T. Collier Apr. 27-21	May 4 18
Good Faith defense - Detroit case to be reviewed	Jan. 12 33	Texas International Sulphur Co. - sulfur rights to Mexican Gulf on 27,000 acres in Nopalapa	Apr. 27 37	His construction of its polyethylene unit Oil-shale plant in Grand Junction, Colo. will be dedicated in May	Apr. 27 21
100% science-fictioned Good Crown gaso- line with unidentified additives	May 11 81	Texas Tin - government sold smelter to Wah Chang Corp.	Jan. 12 23	Stearns-Roger's contract on shale oil operation for Union Oil covers all phases	Mar. 30 56
Purchases stock of Seabrook Bros. Solid candlemaking business to Candle Lite Inc.	Mar. 2 17	Texas-U.S. Chemical - shutdown claimed to be result of union picketing	June 22 17	United Coke and Chemicals Co., Ltd. - phthalic anhydride recovery with fluid- ized technique	Jan. 26 100
Tax ruling clears consolidation of chemi- cal units	Feb. 9 33	Textile Research Institute - new acryloni- trile roofing process applicable to textiles worked out	Mar. 16 112	United Gas Pipe Line Co. - gathering tax refund	Feb. 16 112
Telephonic answering device, called Amanda, gives operating results to em- ployees	Mar. 30 34	New technique for treating cotton with acrylonitrile	Feb. 16 80	United Rubber & Chemical Co. - will mo- dernize Baytown, Tex. rubber plant	June 8 55
Xylene oxidation	Apr. 6 32	Thermalonic Carbon - merger with Commer- cial Solvents Feb. 23-17	Apr. 13 18	U. S. Borax - negotiating joint venture in boron fuels with OM	May 18 24
Standard Oil of New Jersey - senate stock study	Jan. 12 22	Thermoid Corp. - former chairman and pres- ident Frank Schuller receives suspended sentence and fine for allegedly juggling financial records	Apr. 13 56	U.S. Chemical Corp. - pitfalls of patent delay	June 22 67
Stanford Research Institute - anticancer chemical research - various routes to take	June 29 72	Thiokol Chemical Co. - solid rocket pro- pellents maker will add eight new build- ings to its Lampo, Utah, complex	Apr. 6 26	U.S. Durox of Colorado - first gas concrete production unit will use Swedish pro- cess	June 1 26
Stanley Home Products - specialty selling in the home is a lucrative business	Feb. 16 58	Thompson-Hayward Chemical Co. - tight purse strings pay dividends	Jan. 26 42	U.S. Gypsum - wins right to collect royalty payments from gypsum board manu- facturers for use of its patents	June 15 89
Stansbury Salt Co. - merged with Chemical Salt Production	Jan. 19 17	Time Inc. - will build jointly owned mill with CZ to produce machine-coated printing paper	Jan. 19 23	U.S. Line Products Corp. - will build a lime products plant at Aroline, Nev.	Mar. 9 100
Stauffer Chemical - boron trichloride ex- pansion at Niagara Falls, N.Y.	Mar. 16 33	Titanium Metals Corp. - consumable- electrode vacuum remelting furnace an- nounced	June 8 61	U.S. Manganese Corp. - new company formed by Vitro, Sheer-Korman and Great Divide Mining	June 15 40
Expanding sulfuric acid capacity at Vernon, Calif.	Mar. 3 64	Seems headed for top position on sponge- producer list	Jan. 19 80	U.S. Plastic Products Corp. - pitfalls of patent delay	Jan. 19 77
Expansion at Louisville, Ky.	Apr. 20 99	Toni Co. - test marketing	Jan. 12 74	U.S. Rubber Co. - purchased interest in Englebert & Co. European tire manu- facturer	June 1 26
Expansion plans for 1967	Mar. 30 16	Toyo Carbon - displayed graphite electrodes at World Trade Fair	May 4 34	U.S. Steel - board chairman Roger Blough in favor of bigger chemical businesses	June 22 40
Integrated two wholly-owned subsidiaries, Nyotex Chemicals and New York-Ohio Chemical Corp.	Feb. 2 25			Coke-oven expansion will get no govern- ment aid	Mar. 23 23
M.W. Melander tells CMAA about U.S. chemical exporters' problems	Mar. 23 74			Hydron unit for Clairton, Pa. plant will use Koppers' pressure catalytic refin- ing process	Jan. 5 21
Metallic titanium process is now official Titanium process advanced to pilot stage	Mar. 16 97			Point-probe analysis	Feb. 9 25
Titanium trichloride available in quantities Training program	Feb. 2 65			Releases 18th edition of company's film catalog	Feb. 9 92
West End merger - stockholder wants im- partial appraisal of West End stock	Jan. 19 77				Mar. 9 100
Will boost zirconium and silicon tetra- chloride capacity at Niagara Falls, N.Y. plant	Mar. 16 84				
Stearns-Roger Manufacturing Co. - employee- owners profit by pioneering	Feb. 9 18				
Stean Chemical - four new plants near Joliet, Ill. will produce fatty acid methyl esters	Mar. 23 26				
	Jan. 26 98				
	Mar. 2 9				

Research center at Monroeville, Pa.			
Studies marine borers	June	8	72
Richard F. Sentner predicts 1957 consumption of steel will set a record	June	15	108
25% increase in ferromanganese production	June	15	89,92
U.S. Testing Co. - considering training chemists for laboratories	Jan.	5	34
U.S. Vitamin Corp. - diabetes drug, DBI, third oral drug	June	1	76
Universal Dye Works - UT-Formula, new finish for Orlon and Acrilan developed	Feb.	9	72
Universal Oil Products Co. - Col. John Raean attributes upping productivity to effective utilization of research manpower	Apr.	20	138
Upjohn Chemical - new antibiotic called Dalacin holds promise in treating TB	Feb.	23	88
Orinase - 'oral insulin'	Mar.	2	52
Streptovaricin has an 8-month clinical test ahead	Mar.	23	67

Vale Co. - shoe polish Valay-Shine packaged in metal container	Apr.	20	66
Valley Products Co. - plastic bottle business	Feb.	9	70
Vanadium Corp. - Vanadium antitrust trial Jan 19-17, Feb 2-18, Feb 9-22, June 1-19	June	15	37
Van Ameringen Haebler - foot balm potential market for perfume	Apr.	17	114
Vanguard Products - thermoset polyester foams developed for insulating application	Apr.	20	18
Varcum Chemical Co. - small firm in competitive phenolic resin business	Apr.	27	110
VEB Hydrierwerk Zeitz - xylene oxidation	Apr.	6	32
Velasco Magnesium Corp. - bid for the Velasco, Tex. magnesium plant	May	11	17
Verona Chemical Co. - Bayer purchased a block of shares	Apr.	27	38
Verona Dyestuffs - acquires stock of Pharma Chemical Corp.	Feb.	16	25
Vickers Petroleum Co. - planning a \$2-million petrochemical plant near Potwin, Kan.	Apr.	6	26
Victor Chemical - technical manpower - 5 - 10% under its quota	Mar.	16	82
Virginia-Carolina Chemical Corp. - oyster case settled	Feb.	23	24

Stockholders may be presented recapitalization plan at annual meeting
 Visking Ltd. - will build a \$500,000 polyethylene film-making plant at Ft. Gary, Winnipeg, Man.
 Vitro Corp. of America - high-intensity electric arc process to produce manganese from rhodonite
 Stock offer

Wagner Ferdinand W. - German producer of flameproof plastics building materials, Schalit-SL	May	11	81
Wah Chang Corp. - buys Texas City tin smelter from government	Jan.	12	23
Zirconium purification plant will be built at Albany, Ore.	May	4	63
Wallerstein Co., Inc. - Baxter Laboratories will acquire stock	Mar.	2	17
Warner-Chilcott - animal tranquilizers	Feb.	16	84
Gelusil antacid	June	22	78
Warner-Lambert Pharmaceutical Co. - integration of recent acquisitions can be problem - company attempts to find a solution	Apr.	13	78
Warren Petroleum - sets up international division	Apr.	13	56
Watford Chemical Corp. - accused of trading with the Communists	Jan.	5	32
William Wallerstein and his trading companies denied export privileges for the illegal transshipment of U.S. goods to Communist-dominated countries	Mar.	30	34
West End - Stauffer-West End merger - stockholder wants impartial appraisal of West End stock	Feb.	9	18
West Virginia Pulp & Paper Co. - cancels proposed \$50-million paper mill	Apr.	6	24
Will build a \$20-million addition to its mill in Charleston, S.C.	Feb.	23	25
Western Natural Gas Co. - plans to acquire Cameron Parish Corp.	Feb.	2	25
Western Pennsylvania Chemical Co. - sets up sales offices and warehouse facilities in Pittsburgh	Feb.	2	70
Western Phosphate - Garfield, Utah plant - triple superphosphate capacity	May	4	66

June	15	40
Jan.	12	24
Mar.	9	28
Apr.	13	24

Western Precipitation Corp. - process to recover sodium and sulfur values developed	June	22	68
Westinghouse Electric - atomic "eye" positions titanium ingot	May	11	74
Fair trade supporter dropped out	Apr.	20	62
Neutron diffraction pattern made more visible to photographic film	Feb.	9	90
Neutron-diffraction technique	Jan.	26	80
Weyerhaeuser Timber Co. - plans paper mill near Columbus, Miss.	Feb.	16	25
Plans to acquire Eddy Paper Corp. and Kieckhefer Container Corp.	Mar.	2	17
Quercetin test marketed	Jan.	19	77
Stockholders approved merger with Kieckhefer Container Co. and Eddy Paper Corp.	May	4	26
Wheeler Chemical Corp. - bids for magnesium plant at Painesville, O.	June	29	18
Wheeling Steel Corp. - cleared of charges of infringing patents belonging to Otto Construction	May	4	88
White Chemical Co. - antiseptic plastic coating	June	1	20
Whitehall Pharmacal Co. - FTC cracks down on television and radio commercials	Apr.	6	18
Gabriel Williams Co. - urethane foam machines	June	15	10
Winfield Brooks Co. - brushless wood finish by maker of TM-4 paint remover	Mar.	16	72
Wirtschaftliche Forschungs-Gesellschaft m.b.H. Austrian plant for sale	June	29	24
Witco Chemical - formed new Canadian subsidiary, plans to construct plant near Toronto	June	29	26
Planning new polyesters plant in Chicago	June	29	26
Sets up international division	Apr.	13	56
Woodhill Chemical Co. - Scratch Remover, new product for automobiles	Feb.	23	52
Wyandotte Chemical Co. - calcium chloride producer accused of price fixing	Jan.	19	17
Michigan Alkali Div. - bonus plan for salesmen	Apr.	20	79
Plans new oxide products unit for home city	Apr.	13	17
Polyethers, Pluronic polyol L61 and Tetricon polyols 701 and 904 developed	Jan.	26	72
Preview of oxidation process debut	May	25	64
Transformation in seven major steps	Apr.	6	55
Wyeth - animal tranquilizers	Feb.	16	84
Synthesized penicillin V can be taken orally	Mar.	23	65
Teamsters Union still active	Mar.	23	23

